

Lightning Motors Corp
6230 Technology Parkway
Hollister, CA 94070

49 CFR Part 565 VIN Submission

To: NHTSA

Date: 3-8-21

1200 New Jersey Avenue, SE West Building
Washington, DC 20590

Subject: Correction for VIN Decoding Information for Lightning Motors Corp

In accordance with 49 CFR 565.7(c) , Lightning Motors Corp hereby submits correction of Vehicle Identification Number (VIN) decoding information.

We have updated description of the 8th position code (Engine type) as the following:

Original : E=Electric Model,149 KW power, Lithium-ion battery pack with 12 - 20 KWH, No ABS, Max speed 218 MPH.

Update: E=Electric Model,160 - 200 KW power, Lithium-ion battery pack with 12 - 28 KWH, No ABS, Max speed 218 MPH..

Original: G= Electric Model, 75 KW power, Lithium-ion battery pack with 8-10 KWH, No ABS, Max speed 125MPH.

Update: G= Electric Model, 75-140 KW power, Lithium-ion battery pack with 10-22 KWH, No ABS, Max speed 150MPH..

Original: H= Electric, 56 KW power,Lithium-ion battery pack with 5-7 KWH. No ABS, Max speed 75-85 MPH.

Update: H= Electric, 56 KW power,Lithium-ion battery pack with 5-10 KWH. No ABS, Max speed 75-100 MPH.

Original: K=Electric,22-37 KW power, Lithium-ion battery pack with 3-5 KWH. No ABS, Max speed 40 - 50MPH

Update: K=Electric,22-37 KW power, Lithium-ion battery pack with 3-8 KWH. No ABS, Max speed 40 - 50MPH

Original : L= Electric Model, 149KW Power Lithium-ion battery pack with 12-20 KWH, Yes ABS, Max speed 218 MPH.

Update: L= Electric Model, 160 - 200KW Power Lithium-ion battery pack with 15-30 KWH, Yes ABS, Max speed 218 MPH.

We also have one new code:

M= Electric Model, 75- 140 KW power, Lithium-ion battery pack with 10-22 KWH, Yes ABS, Max speed 150MPH.

Here is the updated code description:

VIN POSITION	DESCRIPTION	CODES
1,2 and 3	WMI assigned by SAE	57S
4	Make (Vehicle Type)	P=2 wheel motorcycle , T= 3 wheel motorcycle
5	Model	A=Sport, B=Scooter, C=Super D=Dual, E=Enclosed,
6	Motor Type	1=Brushless 200 horsepower, 2= Brushless 100 horsepower, 3=Induction 200 horsepower, 4= Induction 100 horsepower,5=75 horsepower,6=50 horsepower, 7=30 horsepower
7	Transmission Type	1=Single, 2=Two, 3=Three
8	Engine Type	E=Electric Model,160 - 200 KW power, Lithium-ion battery pack with 12 - 28 KWH, No ABS, Max speed 218 MPH. M= Electric Model, 75- 140 KW power, Lithium-ion battery pack with 10-22 KWH. Yes ABS. Max speed 150MPH. G= Electric Model, 75-140 KW power, Lithium-ion battery pack with 10-22 KWH. No ABS, Max speed 150MPH. H= Electric, 56 KW power,Lithium-ion battery pack with 5-10 KWH. No ABS, Max speed 75-100 MPH. K=Electric,22-37 KW power, Lithium-ion battery pack with 3-8 KWH. No ABS, Max speed 40 - 50MPH L= Electric Model, 160 - 200KW Power Lithium-ion battery pack with 15-30 KWH. Yes ABS, Max speed 218 MPH.
9	Check digit calculate-See 49 CFR 565 4	
10	Model Year	E=2014, F=2015, G=2016,H=2017 (per DMV code)
11	Branch factory	U=Lightning CA Factory, Hollister, CA, USA
12 to 17	Sequential production number	1

One example on Lightning Sport Bike: 57SPC11E1EU000002.