



**ENDURANCE™**

# VOLTAGE VALLEY



# World-Class Automotive Leadership Team

**LORDSTOWN**  
MOTORS

Deep and Highly Experienced Leadership Team with Extensive Design, Manufacturing, Operational, and Sales Expertise



**Steve Burns**

Chief Executive Officer

Co-founder and former CEO of Workhorse Group  
World-class innovator behind every product developed and sold by Workhorse

20+

Years of Experience



**John Lafleur**

Chief Operating Officer

Dynamic executive with diverse experience in design, engineering, and business development  
Former VP of Vehicle Programs at Workhorse

25+

Years of Experience



**Rich Schmidt**

Chief Production Officer

Leading force behind the design, conversion, and improvement of over 12 automotive plants, including Tesla's plant in Fremont, CA

30+

Years of Experience



**Caimin Flannery**

VP of Business Development

One of the primary individuals responsible for acquiring Workhorse and its facility from Navistar before serving as Workhorse's COO

30+

Years of Experience



**Julio Rodriguez**

Chief Financial Officer

Coordinator of multiple successful capital raises to finance the development and production of electric vehicles for fleet customers

30+

Years of Experience



**Darren Post**

Chief Engineering Officer

Over 30 years of experience with automotive OEMs, most recently developing Karma Automotive's plug-in hybrid electric vehicle

30+

Years of Experience



## Truly Differentiated<sup>(1)</sup>

**\$21K** Average Per vehicle savings on a total cost of ownership basis

**250** Mile Range per charge, ideal for fleets in a variety of markets

**5X** Better Fuel economy compared to traditional ICE pickup trucks

**75%** Less Annual maintenance cost compared to competing pickup trucks

**5** Star Safety crash test rating, due to its engineless large front crush zone

**4** Motors In-wheel hub motors for superior 4-wheel drive traction, control, and efficiency

**4,000** Pound Curb weight, making it the lightest full-size fleet pickup truck on the market

**5.5** Second 0 – 60mph; among the fastest full-size pickup trucks in the market

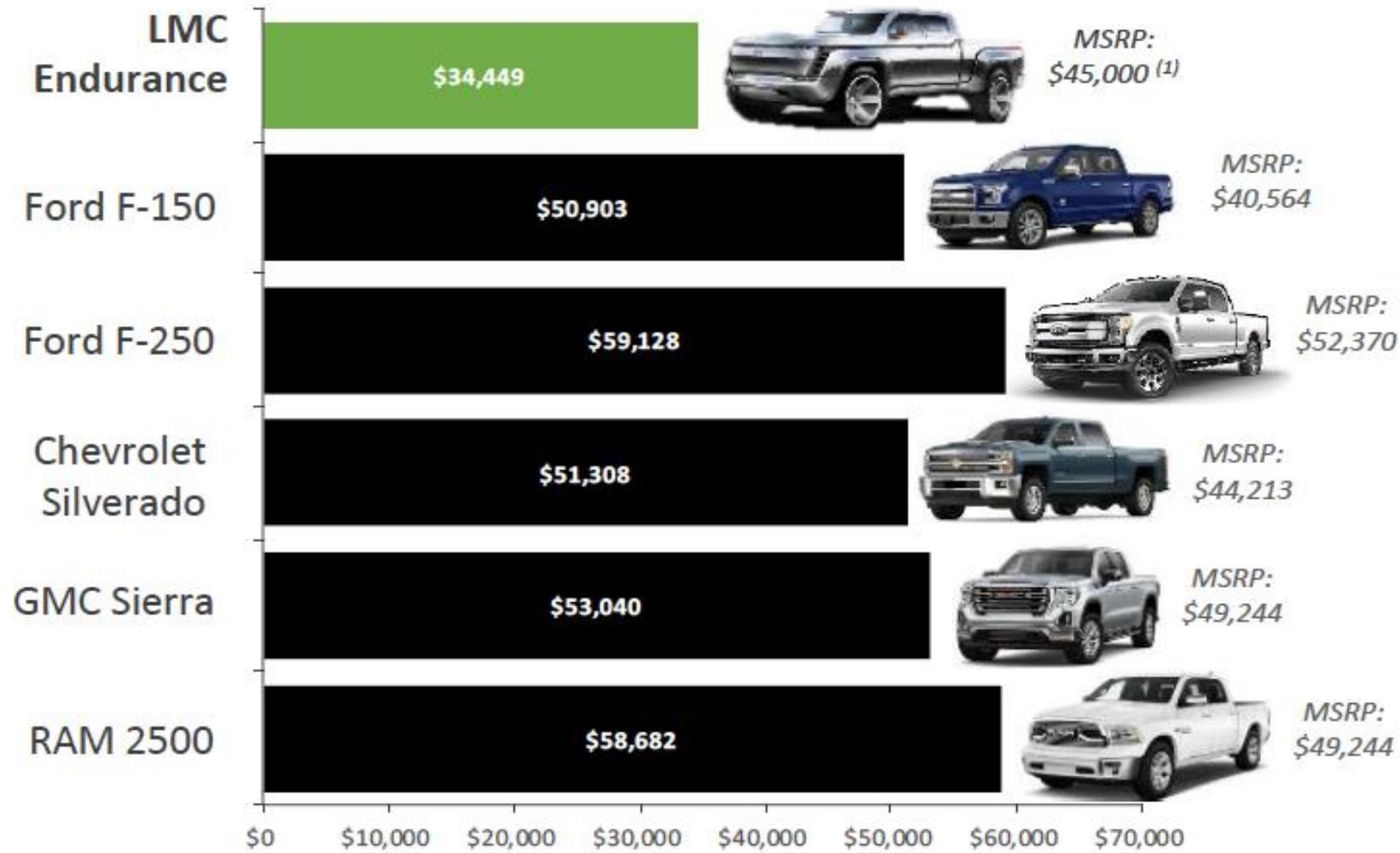
# THE ENDURANCE



## The Endurance™ Meets or Exceeds Performance of the Most Popular Full-Size Pickup Trucks on the Market, PLUS:

- Lowest Total Cost of Ownership
- No Carbon Emissions
- Greater Traction
- Large Front Crush Zone for Increased Safety
- Re-Generative Braking
- Fewest Moving Parts – No Drivetrain or Axles
- Telematics
- Tightest Turning Radius
- No Oil Changes
- Lowest Annual Maintenance Costs

# Total Cost of Ownership Comparison<sup>(1)</sup>: 5-Year, 16,000 Mile Annually



**Legend:**

- A. General Assembly
- B. Body Shop
- C. Stamping
- D. Paint Shop
- E. Solar Panel Array
- F. Central Maintenance
- G. Rail Loading Station
- H. Administration
-  Norfolk Southern RxR
-  Interstate-80



Lordstown, OH:



Plant Size:  
**6.2M**  
Square Feet

Annual Capacity:  
**420,000+**  
Vehicles

Local Workforce:



**“Voltage Valley”:**  
The Company envisions transforming the Mahoning Valley into an **epicenter for electric vehicle production** in the United States with multiple Tier 1 suppliers establishing operations in and around the facility

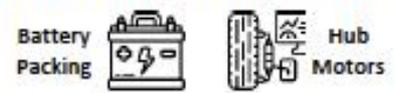
Solar Energy:  
**2.2MW**  
Output

Replacement Value:  
**\$3.0**  
Billion

Purchase Price:  
**\$20.0**  
Million

Required Modifications:  
**\$120.0**  
Million<sup>(1)</sup>

Potential Supplier Operations:



# LMC Endurance Vehicle Specification Summary



Accessory	Specification
On Sale In the US (SOP)	December 1, 2020
Base Price	\$52,00.00 (-\$7,500 federal tax rebate)
Safety Rating	5 - 5 - 4
ADAS-LWD, AEB, Red Cross Traffic Alert	Yes
Software + OTA updates	Yes
Fault Monitoring	Yes
Vehicle Warranty	3 Year / 36,000 miles
HV Battery Warranty	8 Year 100,000 miles
EV Range	260 miles
Off Board Tools For Powering	240V 30 AMP
Seating Capacity	5
Type	Crew Cab
Drivetrain Layout	4 Wheel Hub Electric Motors
Wheels	20 Inch - All New Goodyear
HorsePower Equivalent	600 HP
Top Speed	80 MPH (129kph)
Payload	3000 Lbs
Trailering	7500 Lbs

# Endurance's Standard Product Features

Portfolio Feature Definition	Plan		First Use			
	In Product Plan	Standard / Optional / Accessory	SOP	SOP + 3 months	SOP + 6 months	Model Year 2
<b>ADAS</b>						
Automatic Emergency Braking (AEB)	X	S				X
Forward collision alert (no intervention by vehicle)	X	S	X			
Exterior pedestrian warning speaker/ sound - Front (AVAS)	X	S	X			
Exterior pedestrian warning speaker/ sound - Rear (AVAS)	X	S	X			
Lane departure warning (no intervention by vehicle)	X	S	X			
<b>Chassis</b>						
Traction control	X	S	X			
Electronic stabilization control	X	S	X			
ABS braking	X	S				
TPMS (Tire pressure monitoring) all tires	X	S	X			
Cast 20" Wheel	X	S	X			
Full size spare tire	X	S	X			
Low Rolling Resistance Tires	X	S	X			
Snow chain compatibility	X	S	X			
Low drag wheel bearings	X	S	X			
<b>Electrical - Infotainment</b>						
Hands free phone microphone in headliner	X	S	X			
OTA (over the air) Infotainment module software Updates	X	S		X		
OTA Non-Infotainment software updates - modules	X	S			X	
OTA vehicle monitoring (OEM diagnostics)	X	S	X			
Cluster Screen - no hardware gages - not touch controllable, adjustable with steering wheel controls	X	S	X			
Center stack screen - touch controllable	X	S	X			
(2) USB-C plugs on front of center console - lighted, horizontal (for front passengers)	X	S	X			
(2) USB-C plugs on rear panel of center console - lighted horizontal (for rear passengers)	X	S	X			
(1) 115/120V socket on front of center console - lighted, horizontal (for front passengers) - max 1.5 Kw	X	S	X			
(1) 12V plugs on front of center console - lighted, horizontal (for front passengers); with captured cover	X	S	X			
(1) 12V plugs on rear panel of center console - lighted horizontal (for rear passengers); with captured cover	X	S	X			
AM/FM radio	X	S	X			
Stereo 1/8" auxiliary audio (analog input)	X	S	X			
6 speaker system - 4 doors, 2 IP (no coaxial speakers - 3 way)	X	S	X			
Bluetooth / handsfree mobile phone connection	X	S	X			
Apple Carplay	X	S			X	
Android Auto	X	S			X	

# Endurance's Standard Product Features

Portfolio Feature Definition	Plan		First Use			
	In Product Plan	Standard / Optional / Accessory	SOP	SOP + 3 months	SOP + 6 months	Model Year 2
<b>Electrical - Vehicle Systems</b>						
I/P mounted Dial PRND	X	S	X			
Key FOB	X	S	X			
Push button start/stop button	X	S	X			
Security package (OBD II compliant Lock) (Including ESCL)	X	S	X			
12 volt battery maintenance system	X	S	X			
Front view camera (use LDW, AEB camera)	X	S	X			
<b>Exterior / Closures</b>		S				
Hood - sliding forward for accessibility (wiper fluid ..etc)	X	S	X			
Pickup bed (short 5'6")	X	S	X			
Exterior door lock cylinder on front driver door only	X	S	X			
Frunk Equipped (front trunk - storage)	X	S	X			
Front Lift gate (on Frunk)	X	S	X			
Frunk - Electric Lock - key FOB	X	S	X			
Charge port flap (opens upward)	X	S	X			
Fixed rear cab window	X	S	X			
Rear back up camera	X	S	X			
Rear bed auxilliary light (CHMSL?)	X	S	X			
Rear bed tie down hooks	X	S	X			
Rear bed - 2x4 rest/support	X	S	X			
Solar Glass treatment	X	S	X			
LED Headlamps	X	S	X			
LED Taillamps	X	S	X			
OSRVM (outside rear view mirror) - manual fold + power adjust	x	S	X			
Puddle lights (illuminate ground when opening doors) OSRVM	X	S	X			

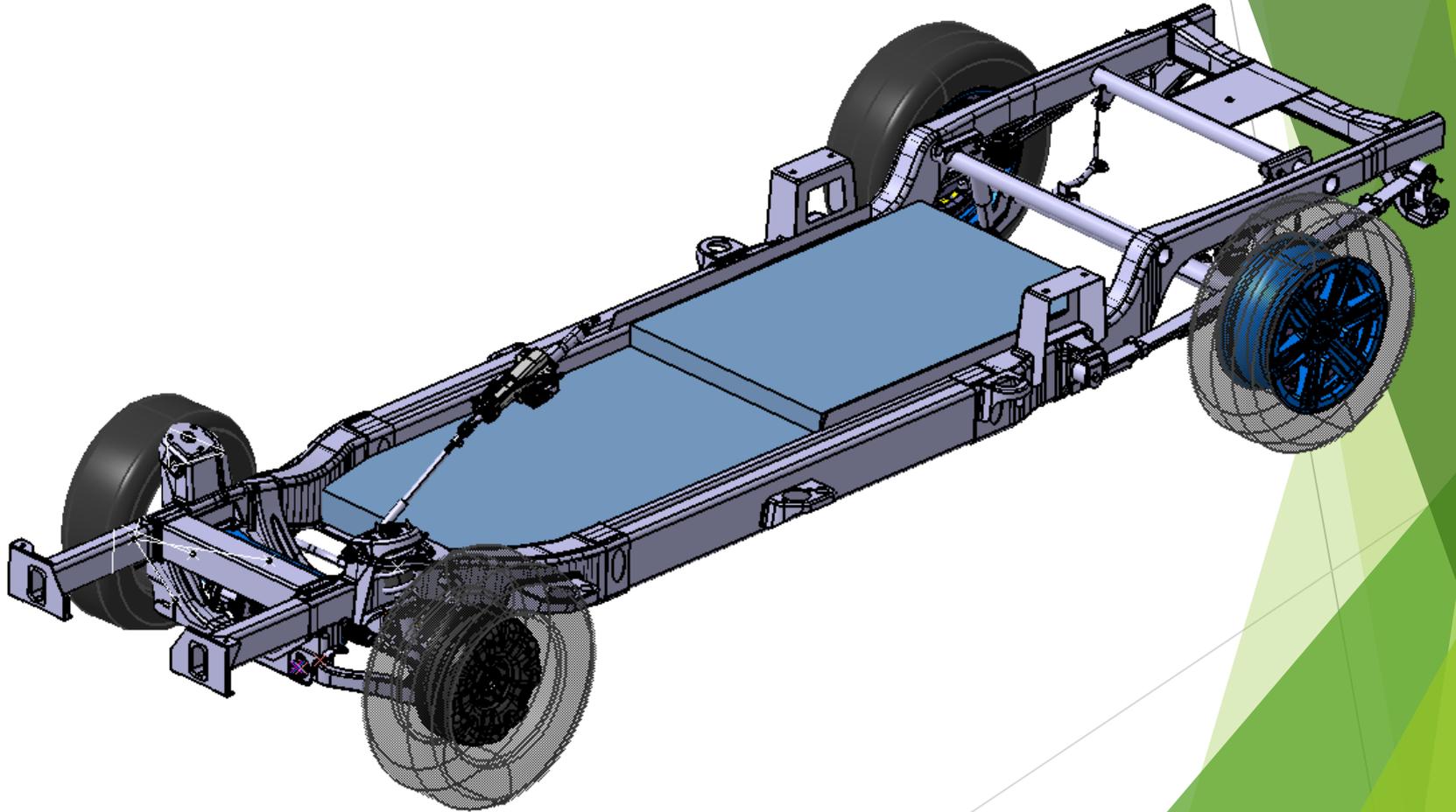
# Endurance's Standard Product Features

Portfolio Feature Definition	Plan		First Use			
	In Product Plan	Standard / Optional / Accessory	SOP	SOP + 3 months	SOP + 6 months	Model Year 2
<b>Interior</b>						
Storage for clip board & maps...etc	X	S	X			
Storage pocket in front seat back	X	S	X			
Dome lamps (mid- cabin)	X	S	X			
Foot - well	X	S	X			
Map lights	X	S	X			
Glove box - lockable (or center counsel? - see below)	X	S	X			
Center console storage - no lock	X	S	X			
Center console phone/tablet top storage slot	X	S	X			
Cup holders (front - 2 at center counsel)	X	S	X			
Cup holders (rear - 2 at center counsel)	X	S	X			
Cup holders (qty 4 - molded in door trim)	X	S	X			
115V/120V socket, 12V, USB-C on front/top of Center Console Bin	X	S	X			
12V socket and USB-C socket on rear of Center Console (rear passengers)	X	S	X			
Vinyl seating covers	X	S	X			
6 way adjustable power driver seat	X	S	X			
4 way adjustable manual front passenger seats	X	S	X			
front driver seat lumbar controls	X	S	X			
front passenger seat lumbar controls	X	S	X			
non-tilting fixed rear seats	X	S	X			
Rear seat storage (underseat) - open bin - latchable	X	S	X			
Rear seat storage (under folding seat)	X	S	X			
Manual inside rear view mirror	X	S	X			
Sun visors - no vanity mirror	X	S	X			
Sun visor - vinyl	X	S	X			
Sun visor - elastic storage band	X	S	X			
vinyl covered floor	X	S	X			

# Endurance's Standard Product Features

Portfolio Feature Definition	Plan		First Use			
	In Product Plan	Standard / Optional / Accessory	SOP	SOP + 3 months	SOP + 6 months	Model Year 2
<b>Powertrain / HVAC / Thermal</b>		S				
Combination Level 1/2/3 SAE Charge Port	X	S	X			
Charge port lighting	X	S	X			
DC Fast charge capability (Higher voltage than 240V)	X	S	X			
Auxilliary Power Outlets in Bed Area (110V/120V)	X	S	X			
High voltage emergency disconnect	X	S	X			
All-wheel drive	X	S	X			
Torque Vectoring	X	S			X	
Remote Pre-Conditioning - battery conditioning(from APP)	X	S	X			
Remote Pre-Conditioning - Cab conditioning(from APP)	X	S				X
Remote Pre-Conditioning Battery conditioning (from Key FOB)	X	S	X			
Remote Pre-Conditioning - Cab conditioning(from key fob)	X	S				X
Cabin Air Filter	X	S	X			
Air conditioning (manual control)	X	S	X			
Rear vents - on rear of center console	X	S	X			
Rear heater ducts - from under center console	X	S	X			
<b>Safety Systems</b>						
AEB (Automatic Emergency Braking) w/Pedestrian Protection	X	S				X
Active Seatbelt Pretensioner	X	S	X			
Trailer (anti-sway)	X	S				X
Rear collision (in reverse) auto brake (2020)	X	S			X	
Brake Priming, Rotor Wiping	X	S	X			
Brake control system with Steering Assist	X	S	X			
Seatbelt reminder - Front Seats (buckle switch)	X	S	X			
Speed Assistance System (Speed Limit Info and Speed Control)	X	S	X			
Intelligent Safety System during crash (HV off, lights on, doors unlock)	X	S	X			
Rear Cross Traffic Detection Alert (while stationary)	X	O			X	
Blind Spot Detection	X	O			X	
Adaptive Cruise Control (ACC)	X	O				X
Lane Centering Assist	X	O				X

# Endurance's Powertrain - Pure Simplicity



# Key Vehicle Features

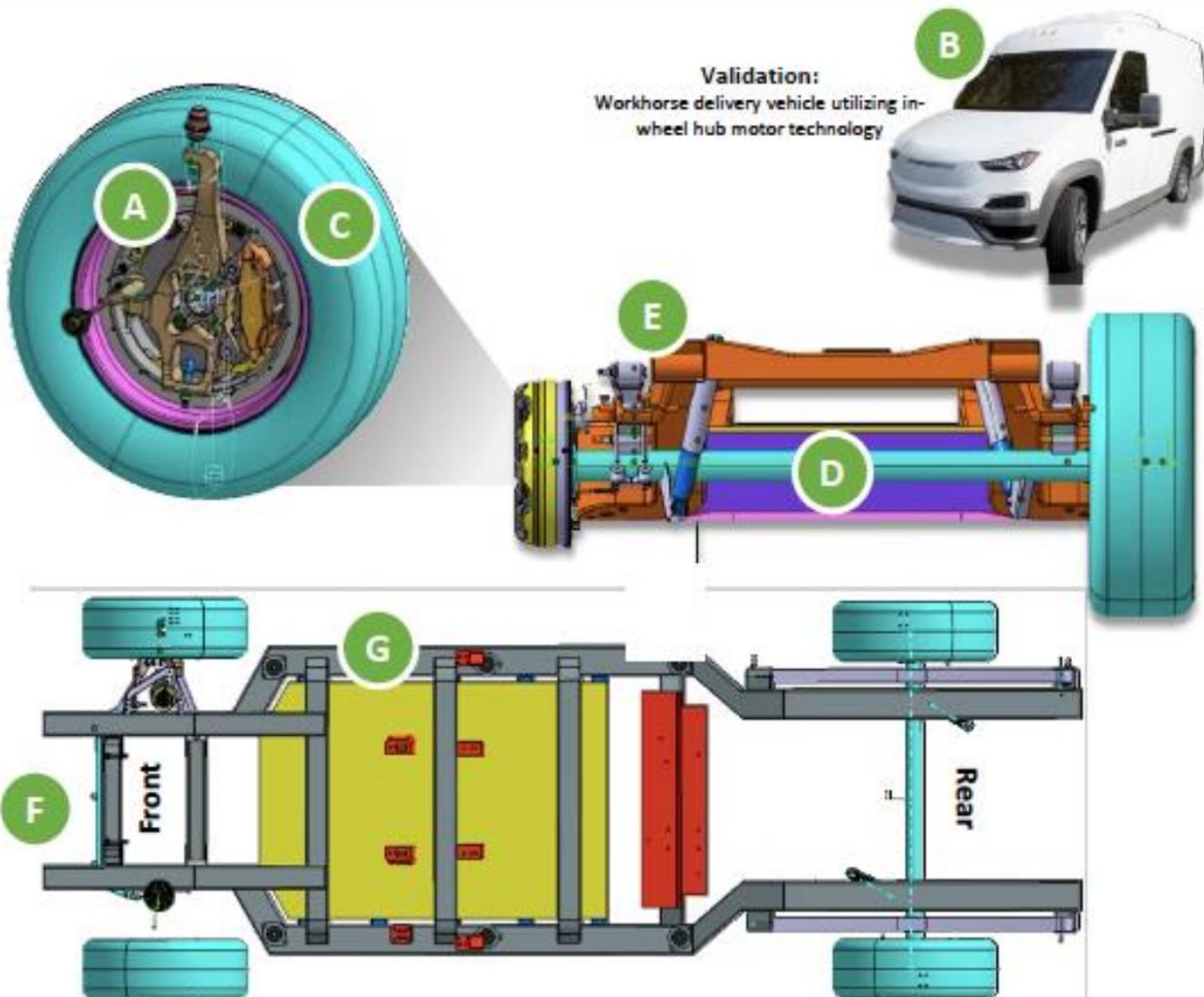
Location	Feature
A	Trailer Hitch with 7,500 Lb Capacity
B	Power Tool Outlet With 240V 30 AMP
C	Interactive Vehicle Information Dashboard
D	Recharging Outlet
E	Front Trunk Storage



# Endurance™ Design Features:

- A In-Wheel Hub Motor Technology**
  - Eliminates Drivetrain and Axles
  - Maximizes Handling and Traction
  - High Torque
- B VALIDATED**
  - Company has manufactured vehicles utilizing the in-wheel hub motor design
- C Regenerative Braking**
  - Captures Energy as Vehicle Decelerates
- D Unique Battery Configuration**
  - Low Center of Gravity and Design Versatility
  - Compelling Power and Range
- E Independent Front Suspension**
  - Smooth Ride and Superior Handling
- F Largest Front Crush Zone**
  - Absence of a Traditional Engine Makes It Among the Safest Vehicles on the Road
- G Unmatched Durability and Safety with Body-on-Frame Design**
  - Proven Design for Rigidity and Safety
  - Compatible with 3rd Party Upfitting Options

Simpler, Safer, and More Efficient Design



## LMC's In-Wheel Hub Electric Motors







#RideWithLordstown



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