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Prepared By: [Signature]

Approved By: [Signature]

Date: 4/28/10

Report Accepted By: [Signature]

Contract Technical Manager
Office of Vehicle Safety Compliance

Date: 7/9/10
Compliance tests were conducted on the subject 2010 Wheego Whip LSV in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-500-02 for the determination of FMVSS 500 compliance. Test failures identified were as follows:

S5(b)(5) Reflex reflectors not present on each side.
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<th>TITLE</th>
<th>PAGE</th>
</tr>
</thead>
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</tbody>
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1.0  **PURPOSE OF COMPLIANCE TEST**

Tests were conducted on a 2010 Wheego Whip LSV, manufactured by Wheego Electric Cars, Inc. to determine compliance with FMVSS 500 "Low Speed Vehicles."

All tests were conducted in accordance with the U.S. DOT, NHTSA Laboratory Procedure TP-500-02 and/or the corresponding Transportation Research Center Inc. (TRC Inc.) test procedure, which was submitted to NHTSA for their approval. The test procedure was clearly described in the submitted document and has not been repeated in this report.

All stops were performed manually.

TRC Inc. personnel using the following TRC facilities conducted all tests:

- Skid Pad
- Speed Test

Average PFC during the test period was 0.91 (Skid Pad) utilizing the ASTM E1337 w/E1336 tire method.

The test vehicle met all the requirements of FMVSS 500, except for S5(b)(5) reflex reflectors (side).
## 2.0 FMVSS 500 – LSV INFORMATION AND TEST DATA SUMMARY

**TEST LAB:** TRC Inc.  
**CONTRACT No.:** DTNH22-06-C-00033

**TEST START DATE:** 03/18/10  
**TEST END DATE:** 4/9/10  
**TEST START ODO.:** 13 mi.  
**TEST END ODO.:** 36 mi.

**VEHICLE MAKE/MODEL/YEAR:** 2010 Wheego Whip LSV

**PROPULSION TYPE:** Battery Powered Electric Motor – FWD  
**SEATING CAPACITY:** 2

**GVWR:** 3000 lbs.  
**GAWR FRONT:** 1200 lbs.*  
**GAWR REAR:** 1800 lbs.

*Manufacturer has stated the Front GAWR is incorrect on the cert label and value will be corrected to 1300 lbs.

**DEALER INSTALLED ACCESSORIES:** none identified

**TIRE MAKE/MODEL/TYOE & SIZE:** BCT/5900, Radial, Tubeless/195-50R15 82v.

### Safety Equipment

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headlamps (S5(b)(1))</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Turn signal lamps, front and rear (S5(b)(2))</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Tail lamps (S5(b)(3))</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Stop lamps (S5(b)(4))</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Reflex reflectors, one red on each side, one on rear (S5(b)(5))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Driver’s side exterior mirror or interior mirror (S5(b)(6))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Passenger’s side exterior mirror or interior mirror (S5(b)(6))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Parking brake (S5(b)(7))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Windshield, AS-1 or AS-4 composition (S5(b)(8))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Vehicle Identification Number [VIN] (S5(b)(9))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Seat belt assemblies – Type 1 or 2 (S5(b)(10))</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Certification label (Part 567)</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

### Vehicle Loading*

<table>
<thead>
<tr>
<th>Condition</th>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification Label GVWR &lt; 1,361 kg.</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
| With Occupant Weight Added to UVW:  
GVWR ≥ total measured vehicle weight.  
GVWR ≥ measured axle weights. | | |
| With Occupant, Cargo & Luggage Weight Added to UVW:  
GVWR ≥ total measured vehicle weight.  
GVWR ≥ measured axle weights. | | X |

### Maximum Speed Test

<table>
<thead>
<tr>
<th>Speed</th>
<th>Pass</th>
<th>Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Speed (S5(a))</td>
<td>41.4 km/hr (momentary)</td>
<td>X</td>
</tr>
</tbody>
</table>

*See Vehicle Loading Data Sheet 2 comments.
3.0 FMVSS 500 – DATA SHEET 1 (Sheet 1 of 3)

VISUAL INSPECTION

VEHICLE MAKE/MODEL/YEAR: 2010 Wheego Whip LSV

TEST/INSPECTION DATE: 03/18/10

VEHICLE ODO: 13 mi

NHTSA No.: CA1002

Headlamps: [Requirement: Must be present.]

Method of Activation: Rotate two position switch on the end of a stalk at the left side of the steering wheel. Push the stalk forward for high beams.

Function (Yes/No): Yes.

Turn Signals: [Requirement: Front and Rear must be present.]

Description (color and location): Front: Amber and immediately next to high beam headlamp in the headlamp assembly. Side: Amber and located on the front fenders, immediately in front of the doors. Rear: Amber located on the immediate bottom of both exterior mirrors. Amber located on the immediate bottom of both exterior mirrors. Amber located on the immediate bottom of both exterior mirrors.

Method of Activation: Push up for right and pull down for left - stalk on left side of steering wheel. Also, pushing the “Emergency Flasher” button.

Function (Yes/No): Yes. Self cancelling feature (Yes/No): Yes.

Tail Lamps: [Requirement: Must be present.]

Description (Lens color): Red.

Method of Activation: First and second position of the rotary switch on the stalk on the left side of the steering wheel.

Function (Yes/No): Yes.

Stop Lamps: [Requirement: Must be present.]

Description (Lens color): Red.

Method of Activation: Application of the service brake.

Function (Yes/No): Yes.

Reflex Reflectors: [Requirement: One red on each side as far to the rear as practicable, and one red on the rear.]

Description (Color, material, shape): Sides: Red lens not reflective. Rear: Red, Round.

Location: Sides: Immediately behind the tires on the rear most portion of the fender. Rear: Round within left and right lights.

Note: Side lenses are visible from rear and side of vehicle and illuminate when brake is depressed. The lenses are not reflective.
VISUAL INSPECTION

Mirrors: [Requirement: Exterior driver's side mirror and either an exterior passenger side mirror or an interior mirror.]

Description (Flat or convex): Driver's side: Flat; Passenger's side: Flat; Interior: Flat.


Parking Brake: [Requirement: Must be present.]

Description (Type): Spring loaded lever acting on rear service brake pads.

Location: Activation control between driver and passenger seats.

Method of Activation and Release: Pull up/back on lever to activate and depress button on end of lever to release.

Function (Yes/No): Yes.

Windshield: [Requirement: Must meet the ANSI/SAE Z26.1 – 1996 specifications for AS-1 or AS-4 glazing and be marked with “DOT,” Manufacturer, and “AS-1” or “AS-4”. Conformance to FMVSS 205.]


Vehicle Identification Number (VIN): [Requirement: A VIN that conforms to the requirements of Part 565 – Vehicle Identification Number including 17 digit alpha-numeric number.]

VIN 1W9WL21B6AC485051

Seatbelt: [Requirement: Type 1 or Type 2 belts conforming to FMVSS 209.]

Type: Type 2, (lap and harness)


Location: At each belt’s anchor point.

Certification Label: [Requirement: Complies with Part 567 Certification.]

Vehicle Type Identified on Label: Low-Speed Vehicle

Location: Middle portion of the driver’s side B-pillar door post.

Certification Statement (Yes/No): Yes.
Comments: None.

DATA INDICATES COMPLIANCE: YES: _____  No: _____

RECORDED BY:  D. Bevis  DATE: 3/18/10
APPROVED BY:  M. Bilbee  DATE: 3/18/10
VEHICLE MAKE/MODEL/YEAR: 2010 Wheego Whip LSV

TEST/INSPECTION DATE: 03/18/10

VEHICLE ODO: 13

NHTSA No.: CA1002

Information from vehicle certification label:
GVWR: 1361 kg; 3000 lbs.; GAWR F: 544 kg; 1200* lbs.; GAWR R: 816 kg; 1888 lbs.

* Manufacturer has stated the Front GAWR is incorrect on the cert label, and will be corrected to 1300 lbs.

Number of seat belt assemblies = designated seating capacity (DSC): 2

Vehicle weight measurements:

Unloaded Vehicle Weight: Vehicle 1151.6 kg or sum (front + rear) NA kg
Front 498.8 kg, Rear 652.6 kg
Includes maximum capacity of fluids necessary for operation of the vehicle; state fluids and amounts added, if any: NA

Vehicle plus occupants weight = DSC 2 x 68 kg = 136 kg
Vehicle 1282.6 kg or sum (front + rear) NA kg, Front 569.2 kg, Rear 713.4 kg

Cargo and Luggage Weight (if specified) = 237.7 kg – occupant weight 136 kg = 101.7 kg. Note: 237 kg = payload capacity (options + passengers + cargo) in Owner’s Manual.

Source: ( ) label on vehicle, (X) owner’s manual, ( ) other: ________________________________
Recommended location (if specified): NA, not shown or specified
Source: ( ) label on vehicle, ( ) owner’s manual, ( ) other: ________________________________

Vehicle plus occupants, cargo and luggage weight = Vehicle 1394.6 kg or sum (front + rear) NA kg, Front 572 kg, Rear 822.6 kg

Comments: Vehicle as received weighed 2539 lbs., 64 lbs. more than the Owner’s Manual listed curb weight of 2475 lbs., which may be due to installed optional equipment. Adding the amount of weight specified in the Owner’s Manual on page 06 for payload capacity (524 pounds) which includes options plus passengers plus cargo exceeded the GVWR of 2,999 pounds. Cargo capacity for this specific vehicle would need to be reduced by 75 lbs. to remain within the GVWR. Also the front axle GAWR was exceeded with conventional loading of 150 pounds per seating location based on the printed GVWR of 1200 pounds on the certification label. The manufacturer has stated that was a typo and the actual front GAWR is 1300 pounds. The 1300 pound rating was not exceeded in either the passenger loading configuration or the passengers plus cargo configuration.

DATA INDICATES COMPLIANCE: YES: X No:__________

RECORDED BY: D. Bevis DATE: 3/18/10
APPROVED BY: M. Bilbee DATE: 3/18/10
FMVSS 500 – DATA SHEET 3 (Sheet 1 of 1)

SPEED TEST – PRETEST

VEHICLE MAKE/MODEL/YEAR: 2010 Wheego Whip LSV

TEST/INSPECTION DATE: 03/31/10 VEHICLE ODO: 23.0

NHTSA No.: CA1002

Unloaded Vehicle Weight (UVW):
- LF Wheel 249.4 kg
- RF Wheel 249.4 kg
- LR Wheel 336.8 kg
- RR Wheel 315.8 kg
- Front Axle 498.8 kg
- Rear Axle 652.6 kg

Weight of Driver, Instrumentation and Required Ballast: 86.4 kg (78 – 90 kg)

Vehicle Test Weight (UVW = weight of driver instrumentation and required ballast):
- LF Wheel 272.0 kg
- RF Wheel 267.4 kg
- LR Wheel 367.6 kg
- RR Wheel 330.8 kg
- Front Axle 539.4 kg
- Rear Axle 698.4 kg
- Total Vehicle 1237.8 kg

Actual Tire Inflation Pressure: LF 250 kPa, RF 250 kPa, LR 250 kPa, RR 250 kPa

Maximum Tire Inflation Pressure from Tire Sidewall: Front 250 kPa, Rear 250 kPa

Vehicle Break-in Agenda Specified by Vehicle Manufacturer: ( ) Yes, ( X ) No.

If Yes, Describe: NA

Data Acquisition System, Field Calibration “Distance” – Pre Test

<table>
<thead>
<tr>
<th>Check No. 1 (meters)</th>
<th>Check No. 2 (meters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Known Distance:</td>
<td>1000</td>
</tr>
<tr>
<td></td>
<td>1000</td>
</tr>
<tr>
<td>Measure Distance*</td>
<td>999.1 meters</td>
</tr>
<tr>
<td>[Allowed Tolerance ± 2 meters]</td>
<td>1001.2 meters</td>
</tr>
</tbody>
</table>

Vehicle Conditioning: Start Time 3:50 pm, End Time 1:30 p.m., Duration 21.5 hrs. (3 hr. min.)

Start Temp 11.7°C, End Temp 17.2°C

Vehicle conditioned within 5°C of ambient: (X) Yes, ( ) No

Propulsion Batteries Fully Charged: (X) Yes, ( ) No

Comments: Vehicle Conditioning occurred over a 24-hour period prior to the test.

DATA INDICATES COMPLIANCE: YES: X No:______

RECORDED BY: D. Bevis DATE: 3/31/10

APPROVED BY: M. Bilbee DATE: 3/31/10
FMVSS 500 – DATA SHEET 4 (Sheet 1 of 2)

SPEED TEST

VEHICLE MAKE/MODEL/YEAR: 2010 Wheego Whip LSV

TEST/INSPECTION DATE: 03/31/10  VEHICLE ODO: 26.0

NHTSA No.: CA1002

Conditioning Temperature Range (see Data Sheet 3): 11.7°C to 17.2°C

Ambient Temperature: Pass 1: 17.8°C, delta: -0.6°C  Pass 2: 18.3°C, delta: -1.1°C

(delta = Conditioning Temperature minus Ambient Temperature)

Maximum Wind Speed: Pass 1: 4.0 m/s  Pass 2: 4.9 m/s

Description of Vehicle Openings: All available vehicle openings were closed during testing.

Vehicle Odometer and/or Hour Meter reading: 26.0

Pass 2: 1:59 p.m.  End: Pass 2: 2:02 p.m.

*Vehicle Charge Level Meter, % (if applicable): Start: Pass 1: 100%  End: Pass 1: 100%
Start: Pass 2: 100%  End: Pass 2: 93%

Start: Pass 2: 102.2V  End: Pass 2: 102.1V

(Test laboratory measured with voltmeter)

### Maximum Vehicle Speed Data

<table>
<thead>
<tr>
<th>Pass</th>
<th>Maximum Speed Visual Data (km/hr)</th>
<th>Maximum Speed Recorded Data (km/hr)</th>
<th>Time Between Passes (minutes) (30 max.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pass #1</td>
<td>40.7</td>
<td>41.4*</td>
<td>2 min.</td>
</tr>
<tr>
<td>1st 1.6 km</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pass #2</td>
<td>40.7</td>
<td>41.4*</td>
<td></td>
</tr>
<tr>
<td>2nd 1.6 km</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Vehicle speed and distances versus time data traces for each speed run are to be included in the final test report. See Appendix B.

Comments: *Both times when vehicle reached 41.4 km/hr, it was for less than 0.10 seconds.

DATA INDICATES COMPLIANCE: YES: X  No: 

RECORDED BY: D. Bevis  DATE: 03/31/10
APPROVED BY: M. Bilbee  DATE: 03/31/10
SPEED TEST – Post Test

VEHICLE MAKE/MODEL/YEAR: 2010 Wheego Whip LSV

TEST/INSPECTION DATE: 03/31/10

VEHICLE ODO: 29 miles

NHTSA No.: CA1002

Data Acquisition System, Field Calibration “Distance” – Post Test

<table>
<thead>
<tr>
<th>Known Distance:</th>
<th>Check No. 1 (meters)</th>
<th>Check No. 2 (meters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure Distance” [Allowed Tolerance ± 2 meters]</td>
<td>999.6</td>
<td>1000.7</td>
</tr>
</tbody>
</table>

Data Acquisition System, Field Calibration “Time” – Post Test

[Traverse Known 1000 meter Distance at Constant Speed of 32 km/h (20 mi/h) ± 1.6 km/h (1 mi/h)]

<table>
<thead>
<tr>
<th>Known Time:</th>
<th>Check No. 1 (seconds)</th>
<th>Check No. 2 (seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure Distance” [Allowed Tolerance ± 1 seconds]</td>
<td>112.51</td>
<td>112.11</td>
</tr>
</tbody>
</table>

Comments: None.

DATA INDICATES COMPLIANCE: YES: X No: ________

RECORDED BY: D. Bevis DATE: 03/31/10
APPROVED BY: M. Bilbee DATE: 03/31/10
4.0 NOTICE OF NONCOMPLIANCE

This vehicle (CA1002) did not meet the compliance standard.

(COTR provided) Following completion of the testing, a State DMV that was concurrently and independently examining a Wheego, indicated that the vehicle appeared to not have red retro-reflective side markers at the rear of the vehicle. In addition, they noted that the rear side lenses illuminated when the brakes were applied which they considered to be a safety issue.

Upon notification of this finding, TRC Inc. re-inspected the vehicle and confirmed the State's observations. The COTR communicated this information to the manufacturer who concurred, and agreed to submit a part 573 "Defect and Noncompliance Report" to NHTSA.

For vehicles currently in service, Wheego will supply side reflectors to owners and will provide instructions to disconnect the side lenses so they are inactive when braking. Future production will include these modifications.

It is noted that this non-compliance is included in this report although the problems were determined from an outside source. Lastly, the anomaly of the side lenses actuating upon braking and visible from the side is not an FMVSS 500 issue.
5.0 PHOTOGRAPHS
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Left Front ¾ View
MFD BY. WHEEGO ELECTRIC CARS, INC. July 2009
GVWR 3000LB GAWR FR 1200LB RR 1800LB
TIRES 195/50R15 RIMS 15”x7.75” COLD TIRE INFL 36 psi
THIS VEHICLE CONFORMS TO ALL APPLICABLE US FEDERAL
MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE
DATE OF MANUFACTURE
VIN: 1W9WL21B6AC485051 - TYPE: LOW-SPEED VEHICLE
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

VIN Inside Windshield
No additional Labels were found on the vehicle.
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Seat Belt Certification Label

IMPORTANT
1. Wear Belt At All Times
2. Adjust Belt Low and Snug
3. Clean With Soap & Water
 Do Not Bleach Or Redye
4. One Belt per Person
5. Inspect Belts Regularly
   REPLACE IF DAMAGED
6. Install Belt per SAE J800c and Vehicle manufacturer's Instructions.
   Reinforce Seat and Floor as needed. Installation NOT warranted by Beams
   Meets FMVSS 208/302 Specs
Speed Test Instrumentation Controller
Speed Test Instrumentation
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Speed Test Instrumentation Sensor
Speed Test Instrumentation Battery
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Vehicle on Scales
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Left Rear View Mirror
Headlight and Marker Light/Directional Signal
Tail Light/Directional Signal
Right Front Side Light
2010 Wheego Whip LSV
TRC No. CA1002
April 2010

Left Front Side Light
Right Rear Side Light
Rear Light
Left Rear Side Light
6.0 TEST EQUIPMENT LIST AND CALIBRATION INFORMATION
## INSTRUMENT CALIBRATION (12 MONTH MAXIMUM INTERVAL)

<table>
<thead>
<tr>
<th>Instrument Use &amp; Manufacturer</th>
<th>Model No.</th>
<th>Serial No.</th>
<th>Range &amp; Resolution</th>
<th>Accuracy</th>
<th>Calibration Date</th>
<th>Next Calibration</th>
<th>Calibrations: Manufacturer, Internal or Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Velocity - Racelogic, LTD</td>
<td>VBOX III 100 Hz</td>
<td>030525</td>
<td>0.1 - 1609 km/h 0.01 km/h</td>
<td>0.1 km/h full scale</td>
<td>03/16/10</td>
<td>03/16/11</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>Distance - Racelogic , LTD</td>
<td>VBOX III 100 Hz</td>
<td>030525</td>
<td>Range: NA 1 cm</td>
<td>0.05%</td>
<td>03/16/10</td>
<td>03/16/11</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>Voltage – Fluke Corporation</td>
<td>77 III Multimeter</td>
<td>DVM-84640252</td>
<td>0 – 320 VDC</td>
<td>± 0.3 % + 1 digit</td>
<td>02/17/10</td>
<td>02/17/11</td>
<td>Internal</td>
</tr>
<tr>
<td>Temperature – Davis Instruments</td>
<td>6152 Wireless Vantage Pro ISS</td>
<td>050608N02</td>
<td>-40 °C to 60 °C, 1 °C</td>
<td>± 1 °C, between -40 °C – 43 °C</td>
<td>07/22/09</td>
<td>07/22/10</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>Wind Speed – Davis Instruments</td>
<td>6410 Anemometer w/7903L “Large Wind Cups”</td>
<td>050608N22</td>
<td>3 to 241 km/h 1 km/h</td>
<td>3 km/h or 5% whichever greater</td>
<td>07/22/09</td>
<td>07/22/10</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>Tire Pressure – WIKA Instrument Corporation</td>
<td>Type 233.53 Fluid Filled, Bourdon Tube Pressure Gauge, Stainless S.</td>
<td>TRC SN: AG-101</td>
<td>0 – 410 kPa 3 kPa</td>
<td>1% of Span</td>
<td>02/03/10</td>
<td>05/04/10</td>
<td>Internal</td>
</tr>
<tr>
<td>Vehicle Mass – Mettler-Toledo</td>
<td>Four – #2158 Pads/Sensors One – JXGAA00000 Processor/Display</td>
<td>11079361JC 11079461JC 11079471JC 11079381JC 522588315JC</td>
<td>0 TO 1334 KG 0.2 KG</td>
<td>0.1% of Applied Load</td>
<td>02/15/10</td>
<td>05/15/10</td>
<td>Contractor</td>
</tr>
<tr>
<td>Radio Shack Stopwatch</td>
<td>Cat. No. 63-5014</td>
<td>SW-ST04</td>
<td>24 hour</td>
<td>0.1%</td>
<td>10/08/2009</td>
<td>10/08/2010</td>
<td>Internal</td>
</tr>
</tbody>
</table>
APPENDIX A

CONTRACTOR’S COMMENTS
PROCEDURE MODIFICATIONS
TEST FACILITY
See Section 4.0
APPENDIX B

TEST SPEED GRAPHS
APPENDIX C
COPY OF MANUFACTURER’S STICKER
## PRICE INFORMATION

**MANUFACTURER'S SUGGESTED RETAIL PRICE**

### WHIRLPOOL LSV TWO PASSENGER VEHICLE

<table>
<thead>
<tr>
<th>BASE MSRP</th>
<th>18,995.00</th>
</tr>
</thead>
</table>

### INSTALLED OPTIONAL EQUIPMENT:

- **INLAND FREIGHT AND DELIVERY FEES**
  - $1,000.00

**TOTAL PRICE:** 19,995.00

## STANDARD EQUIPMENT

- Power door locks w/remote keyless entry
- Power assisted windows
- Power steering
- Front disc brakes/rear drum
- Proportional regenerative braking system
- Electric outside mirrors
- Manual 4-way adjustable driver’s seat
- Rear window defogger
- Electric mirror(s)
- Intelligent optional charger capable from 150/120V to 220/240V
- Interior colors available: Black, White, Red, Blue, Silver
- 25 foot (7.5 m) and 50 foot (15 m) power cords
- Type II DOT approved seal belts
- Carpeted rear cargo area
- Carpeted floor mats
- Front and rear window defrosters
- FrontMirrors
- Anti-lock brake system
- Dual stage SRS airbags
- Backup camera
- CD player
- CD changer
- MP3 player
- AM/FM stereo
- Nonmetallic rims
- Front center console w/molded cup holders
- USB accessory outlet
- Dual speaker AM/FM stereo with CD player and MP3 outlet
- Electric heater
- Owner’s Manual
- 20000 km 2-year/24-month warranty on parts
- Wheego Advantage Customer Care Program

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**Environmental Performance**

- **Global Warming Score:** 10
- **Smog Score:** 10

Vehicle emissions are a primary contributor to global warming and smog. Scores are determined by the California Air Resources Board based on this vehicle’s measured emissions. Please visit [www.driveclean.ca.gov](http://www.driveclean.ca.gov) for more information.

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**Parts Content Information**

- **Vehicle History:**
  - U.S. NORTHERN AMERICA CONTENT: 32.4% (Note: Parts content does not include final assembly)
  - 14.6% foreign content
  - 45.8% domestic content
  - Final Assembly Point: Ontario, CA
  - Port of Entry: Long Beach, CA

**Note:** This vehicle may qualify for federal, state, and local tax credits. Please ask your dealer for details.

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**Model Year:**

<table>
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<th>WHIP LSV</th>
<th>2010</th>
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**Phone:** 248-643-7000

**Manufactured by Wheego Electric Cars Inc, 888 1st Street N.W., Atlanta, GA 30318**
2 VEHICLE IDENTIFICATION & SPECIFICATIONS

CONTENTS
1. Vehicle Information
2. General Specifications

VEHICLE INFORMATION
For all model vehicles, the vehicle identification number (VIN) can be found on the VIN plate, located on the driver’s side of the dashboard. The VIN indicates the model year, model type and the serial number of the vehicle. It can also be found on the information label inside the driver’s door jamb.

NOTE: Record the Vehicle Identification Number in the space provided below for easy reference:

Vehicle Identification Number (VIN):

______ _______ _______ _______ _______ _______ _______ _______ _______

Key # _____________ (Stamped on Key)

Date purchased: _____ / _____ / _____

GENERAL SPECIFICATIONS WHEEGO WHIP
Motor: AC41 Brushless
Drive System: Single speed front wheel drive transaxle
Tires: 195/50/R15
Battery Pack: 96V AGM Sealed Maintenance-Free Lead-Acid
Onboard Charger: 96V Output Delta-Q Fully Automatic 120v/12A input
Vehicle Width: 63.19 inches
Vehicle Length: 118.90 inches
Vehicle Height: 62.99 inches
Wheelbase: 79.74 inches
Turning Circle*: 362.2 inches
Curb Weight**: 2,475 lbs.
GVWR**: 2,999 lbs.
Payload Capacity: 524 lbs. (options + passengers + cargo)

*The turning circle is the diameter of a circle required to make a U-turn maneuver.
**These weight limits are approximate. The GVWR must not be exceeded. GVWR is the actual weight of the vehicle including the weight of the entire payload of options, passengers, and cargo.