



Technology with Vision

OPTICAL WARNING SYSTEM

PRODUCT OVERVIEW



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HELLA OPTICAL WARNING SYSTEMS

HELLA Optical Warning Systems offer lighting products that are designed to world class standards for the most extreme conditions .

Distinguished by their outstanding quality, scalability and long service life, HELLA products are in a class of their own. Offering you economical pricing and unparalleled solutions you can rely on, is the HELLA way!



HELLA FULL SIZE LED LIGHT BAR





FULL SIZE LED LIGHT BAR

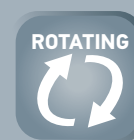


HELLA Full Size LED Light Bar

The HELLA Full Size LED Light Bar provides operational flexibility, high performance LEDs and unparalleled durability. Like all HELLA products, these light bars are built to handle the most extreme environments with ease. With a smoked lens for a stealth design, all bars come with an integrated traffic director functionality and a 5 year warranty. These light bars can be operated with HELLA controllers or OE switches. Choose from 9 different light bar options varying in sizes to fit your car, truck or light commercial vehicle.

29 Flash Patterns





9 Light Bar Options



Easy maintenance with top accessibility



48" LED LIGHT BAR RANGE

48" (121cm)

The ideal size for pick-up trucks and vans, this is a compact general purpose solution with HELLA's high tech Free-Form reflector technology.



Features

- High tech Free-Form reflector technology for intense brightness
- Stop/Tail/Turn Alley Lights and Take-Down Light options
- Aluminum extrusion profile with polycarbonate smoked lens
- Can be mounted permanently or temporarily using strap kits



Ideal for Pick-Ups

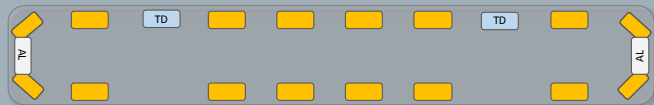


48" (121cm)

H27941001 LB4800A



H27941091 LB4800AL w/ TD / AL



H27941041 LB4800AGL w/ TD / AL



H27941051 LB4800ARL w/ TD / AL



H27941061 LB4800RBL w/ TD / AL



H27941071 LB4800RL w/ TD / AL



H27941081 LB4800BL w/ TD / AL



Description			Part #
LB4800A		LED Light Bar, 48", 12/24 V, Amber	H27941001
LB4800AL		LED Light Bar, 48", 12/24 V, Amber, with take-down and alley lights	H27941091
LB4800AGL		LED Light Bar, 48", 12/24 V, Amber / Green, with take-down and alley lights	H27941041
LB4800ARL		LED Light Bar, 48", 12/24 V, Amber / Red, with take-down and alley lights	H27941051
LB4800RBL		LED Light Bar, 48", 12/24 V, Red / Blue, with take-down and alley lights	H27941061
LB4800RL		LED Light Bar, 48", 12/24 V, Red, with take-down and alley lights	H27941071
LB4800BL		LED Light Bar, 48", 12/24 V, Blue, with take-down and alley lights	H27941081

Legend		Technical Data	
Amber LED Pod		Warning Patterns	29 flash patterns
Green LED Pod		Operating Voltage	12/24 VDC
Red LED Pod		Max Power	103W, 130W
Blue LED Pod		Approvals	SAE Class 1 (Amber, Red, White & Blue) CA Title 13 (Amber, Red & Blue)
Stop / Tail / Turn Light		Connections	Pre-wired
Takedown Light		Operating Temperature	-22~158° F / -30~70° C
Alley Light		IP Rating	IP 67

56" & 60" LED LIGHT BAR RANGE

56" (142cm)

The perfect size for small tow trucks, full size vans and pick-up trucks. Fitted with 22 LED pods, Stop/Tail/Turn Alley Lights and Take-Down Light. Equipped with HELLA's high tech Free-Form reflector technology for maximum visibility.



60" (152cm)

The right fit for large tow trucks and heavy road vehicles. Equipped with 28 LED pods, Stop/Tail/Turn Alley Lights and Take-Down Light.



Features

- High tech Free-Form reflector technology for intense brightness
- Stop/Tail/Turn Alley Lights and Take-Down Light options
- Aluminum extrusion profile with polycarbonate smoked lens
- Can be mounted permanently or temporarily using strap kits



Perfect for Tow Trucks



56" (142cm)



H27941021 LB5600L w/ TD / AL / STT










60" (152cm)

H27941031 LB6000L w/ TD / AL / STT



Description	Part #
LB5600AL  LED Light Bar, 56", 12/24 V, Amber, with stop/tail/turn, take-down and alley lights	H27941021
LB6000AL  LED Light Bar, 60", 12/24 V, Amber, with stop/tail/turn, take-down and alley lights	H27941031

Legend		Technical Data	
Amber LED Pod		Warning Patterns	29 flash patterns
Green LED Pod		Operating Voltage	12/24 VDC
Red LED Pod		Max Power	143W,182W
Blue LED Pod		Approvals	SAE Class 1 (Amber, Red, White & Blue) CA Title 13 (Amber, Red & Blue)
Stop / Tail / Turn Light		Connections	Pre-wired
Takedown Light		Operating Temperature	-22~158° F / -30~70° C
Alley Light		IP Rating	IP 67

FLASH PATTERNS AND OPTIONS

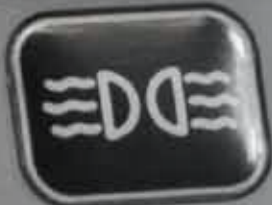


Flash Pattern #	Flash Patterns
1	Random (Default)
2	ECE R65 Rotator
3	ECE R65 Double Diagonal
4	ECE R65 Single (All)
5	ECE R65 Double (All)
6	ECE R65 Single (Split)
7	ECE R65 Double (Split)
8	Single (All)
9	Double (All)
10	Quad (All)

Flash Pattern #	Flash Patterns
11	Quint (All)
12	Single-Quad (All)
13	Single (Split)
14	Double (Split)
15	Quad (Split)
16	Quint (Split)
17	Single-Quad (Split)
18	Single (I/O)
19	Double (I/O)
20	Quad (I/O)

Flash Pattern #	Flash Patterns
21	Quint (I/O)
22	Single (Split1)
23	Double (Split1)
24	Quad (Split1)
25	Quint (Split1)
26	Single (Split2)
27	Double (Split2)
28	Quad (Split2)
29	Quint (Split2)





HELLA LED LIGHT BAR CONTROLLER

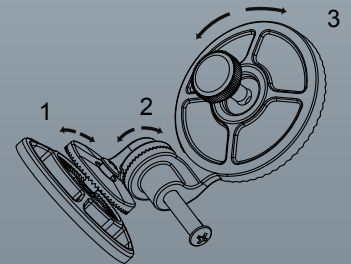
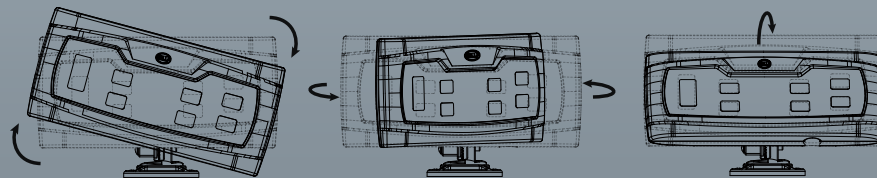


- 360 adjustable bracket mounting
- Seven auxiliary functions can be switched
- Independent control of power
- Mounted to any angled surface
- Supports controlling of light bar and traffic advisor
- Audio and visible feedback

360 adjustable bracket mounting or screw mount

3 places for adjustment

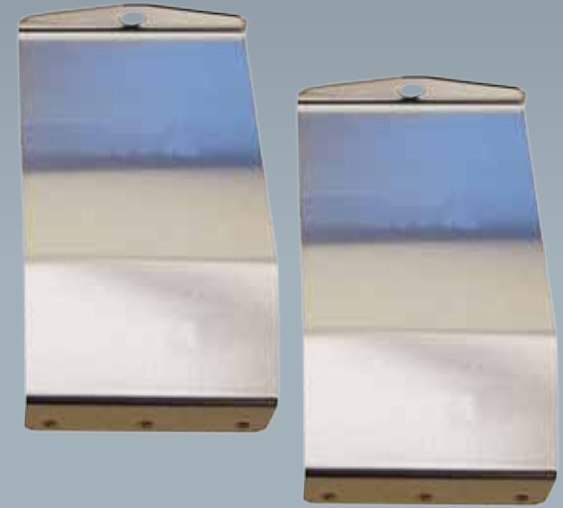
Description	Part #
Light bar control unit	H27943001



STRAP KITS FOR CARS AND TRUCKS

Applications	Years	Part #
CHEVY IMPALA	2014 - 2015	H27942011
CHEVY SILVERADO	2014 - 2015	H27942021
CHEVY TAHOE	2007 - 2014	H27942031
GMC YUKON	2001 - 2014	H27942041
DODGE CHARGER	2011 - 2014	H27942051
DODGE RAM 1500	2012 - 2014	H27942061
DODGE RAM 3500	2010 - 2014	H27942081
FORD ESCAPE	2013 - 2014	H27942091
FORD EXPLORER	2011 - 2014	H27942101
FORD F150	2015 - 2016	H27942111
FORD F150	2004 - 2014	H27942121
FORD F250, 350, 450 & 550	1999 - 2014	H27942131
FORD TAURUS	2010 - 2014	H27942141

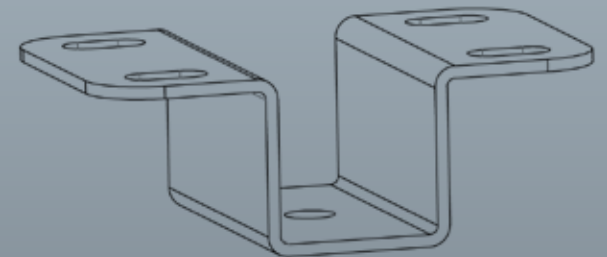
These stainless steel strap kits are the ideal temporary mounting option for the most popular pick-up trucks and cars. Providing you the ultimate fit and forget solution.



TOW TRUCK BRACKETS

Description	Part #
Tow Truck Brackets	H27942151

Durable corrosion resistance steel brackets provides an ideal permanent mounting solution for small and large tow trucks. Equipped with mounting screws.





OPTICAL WARNING SYSTEMS AND WORKLIGHTS











MST6 MINI LED LIGHTHEAD



LENGTH
5.1"
(130mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 23 user selectable flash patterns including steady on
- Self-adhesive backing for quick simple mounting
- Non-volatile memory
- Multiple units can be grouped to flash
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty

Description	Part #
 LED Lighthead, Amber	H22895001
 LED Lighthead, Blue	H22895021
 LED Lighthead, White	H22895031
 LED Lighthead, Red	H22895041
 LED Lighthead, Amber / White	H22895051
 LED Lighthead, Red / Blue	H22895061









MST6E MINI LED LIGHTHEAD

NEW



LENGTH
5.1"
(130mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 21 user selectable flash patterns including steady on
- Self-adhesive backing for quick simple mounting
- Non-volatile memory
- Multiple units can be grouped to flash
- Frosted lens for glowing body technology effect
- Weatherproof and vibration resistant
- 5 year warranty

Description	Part #
 LED Lighthead, Amber	H22897001
 LED Lighthead, Blue	H22897011
 LED Lighthead, White	H22897021
 LED Lighthead, Red	H22897031*
 LED Lighthead, Green	H22897041
 LED Lighthead, Amber / White	H22897051
 LED Lighthead, Amber / Green	H22897061*
 LED Lighthead, Purple	H22897071*

*Special order item





MST3 MINI LED LIGHTHEAD

NEW



LENGTH
3.4"
(88mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- Self-adhesive backing for quick simple mounting
- 12 user selectable flash patterns including steady on
- Non-volatile memory
- Multiple units can be grouped to flash
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty




Description	Part #
 LED Lighthead, Amber	H22896001
 LED Lighthead, Blue	H22896021
 LED Lighthead, White	H22896041
 LED Lighthead, Red	H22896031

MS26 MINI LED LIGHTHEAD



LENGTH
5"
(128mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 25 user selectable flash patterns including steady on
- 3 programmable modes: up-down, left-right, criss-cross
- Non-volatile memory
- Multiple units can be grouped to flash
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty








Description	Part #
 LED Lighthead, Amber	H22892001
 LED Lighthead, Amber / White	H22892011
 LED Lighthead, Red / Blue	H22892021

MS6 MINI LED LIGHTHEAD



LENGTH
5"
(128mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 19 user selectable flash patterns including steady on
- Non-volatile memory
- Multiple units can be grouped to flash
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty



Description	Part #
 LED Lighthead, Amber	H22890001
 LED Lighthead, Blue	H22890021
 LED Lighthead, White	H22890031
 LED Lighthead, Red	H22890041
 LED Lighthead, Amber / White	H22890051
 LED Lighthead, Red / Blue	H22890061
 LED Lighthead, Red / White	H22890071

MS3 MINI LED LIGHTHEAD



LENGTH
3.4"
(88mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 12 user selectable flash patterns including rotating
- Recalls last flash pattern used at power up
- Multiple units can be synchronized
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty

Description	Part #
 LED Lighthead, Amber	H22891001
 LED Lighthead, White	H22891031

MLB 40 LED MICRO LIGHT BAR



LENGTH
9.8"
(251mm)

- Multi-voltage input 12 - 24 VDC
- 20 user selectable flash patterns
- Low power function for night time use
- Non-volatile memory
- Reverse polarity protection
- Weatherproof and vibration resistant
- Available in permanent and magnet mount
- 5 year warranty

Description	Part #
● LED Light bar, Fixed, Amber	H27994001
● LED Light bar, Magnetic, Amber	H27994011

MLB 50 LED MINI LIGHT BAR



LENGTH
14"
(355mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 23 user selectable flash patterns
- Low power function for night time use
- Non-volatile memory
- Reverse polarity protection
- Weatherproof and vibration resistant
- Available in permanent and magnet mount
- 5 year warranty

Description	Part #
● LED Light bar, Fix, Amber	H27995001
● LED Light bar, Magnetic, Amber	H27995011
● LED Light bar, Fix, Amber / White	H27995021
● LED Light bar, Magnetic, Amber / White	H27995031

MLB 100 LED MICRO LIGHT BAR

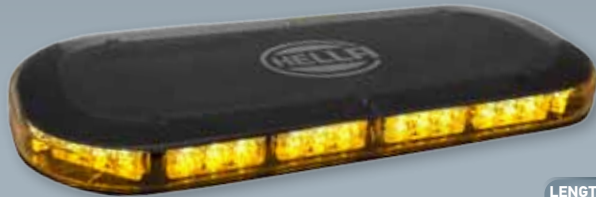


LENGTH
9.7"
(248mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 23 user selectable flash patterns including rotating
- Recalls last flash pattern used at power up
- Multiple units can be synchronized
- Reverse polarity protection
- Weatherproof and vibration resistant
- Available in permanent and magnet mount
- 5 year warranty

Description	Part #
● LED Light bar, Fix, Amber	H27996001
● LED Light bar, Magnetic, Amber	H27996011
● LED Light bar, Fix, Amber / White	H27996041
● LED Light bar, Magnetic, Amber / White	H27996051
● LED Light bar, Fix, Red / Blue	H27996061
● LED Light bar, Magnetic, Red / Blue	H27996071
● LED Light bar, Fix, Blue	H27996081

MLB 200 LED MINI LIGHT BAR



LENGTH
15.7"
(400mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- 24 user selectable flash patterns including rotating
- Recalls last flash pattern used at power up
- Multiple units can be synchronized
- Reverse polarity protection
- Weatherproof and vibration resistant
- Available in permanent and magnet mount
- 5 year warranty

Description	Part #
LED Light bar, Fix, Amber	H27997001
LED Light bar, Magnetic, Amber	H27997011
LED Light bar, Fix, Amber / White	H27997021
LED Light bar, Magnetic, Amber / White	H27997031

MLB 200 DUAL COLOR LED MINI LIGHT BAR



LENGTH
15.7"
(400mm)

- Approvals: SAE J595 class 1
- Multi-voltage input 12 - 24 VDC
- Easy selection of dual color modes
- Easy switching between two different color modes
- 24 user selectable flash patterns including rotating
- Recalls last flash pattern used at power up
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty

Description	Part #
LED Light bar, Fix, Amber / White	H27997501
LED Light bar, Magnetic, Amber / White	H27997511
LED Light bar, Fix, Amber / Blue	H27997521
LED Light bar, Magnetic, Amber / Blue	H27997531

LED WARNING AND TRAFFIC STICKS



TSL8



TSL6



WSL4

- Multi-voltage input 12 - 24 VDC
- Super low profile for stealth look
- 27 selectable warning patterns for Warning Stick
- 31 selectable traffic/warning patterns for Traffic Stick
- Non-volatile memory recalls last flash pattern used
- Reverse battery protection
- Available in amber, white, red, blue, and green
- Available as components for custom color configurations
- 5 year warranty

Description	Part #
WSL4 LED Warning Stick, 4 Lightheads, Amber	H27914001
TSL6 LED Traffic Stick, 6 Lightheads, Amber	H27915001
TSL8 LED Traffic Stick, 8 Lightheads, Amber	H27916001
Control Panels 6 Button Control Panel with LED Display	H27919041
4 Switch Control Panel	H27919051

KLX-1 LED BEACONS



NEW

- Approvals: SAE J845 class 3
- Multi-voltage input 12 - 24 VDC
- Flashing function
- Recalls last flash pattern used at power up
- Reverse polarity protection
- Resistant to high-pressure cleaners
- IP Rating: IP67
- 5 year warranty

Description	Part #
● LED Beacon, Fixed, Amber	012480001
● LED Beacon, Magnetic, Amber	012480101

K-LED 40 LED BEACONS



- Approvals: SAE J845 Class 1
- 11 - 110 V Input Voltage
- 5 user selectable flash patterns
- Recalls last flash pattern used at power up
- Reverse polarity protection
- Weatherproof and vibration resistant
- IP Rating: IP67
- 5 year warranty

Description	Part #
● LED Beacon, Fixed, Amber	H27117001
● LED Beacon, Magnetic, Amber	H27117011

Description	Part #
● LED Beacon, Fixed, Amber	H27115001
● LED Beacon, Magnetic, Amber	H27115011

K-LED 50 LED BEACONS



- Approvals: SAE J845 Class 1
- Multi-voltage input 12 - 24 VDC
- 12 user selectable flash patterns
- Recalls last flash pattern used at power up
- Reverse polarity protection
- Weatherproof and vibration resistant
- IP Rating: IP67
- 5 year warranty

Description	Part #
● LED Beacon, Fixed, Amber	H27111001
● LED Beacon, Magnetic, Amber	H27111011
● LED Beacon, Fixed, White	H27111101

Description	Part #
● LED Beacon, Fixed, Amber	H27113001
● LED Beacon, Magnetic, Amber	H27113011

LED CONCEALED LIGHTHEADS



- Approvals: SAE J595 Class 1
- Multi-voltage input 12 - 24 VDC
- 37 user selectable flash patterns
- Non-volatile memory
- Comes with bezel
- Reverse polarity protection
- IP Rating: IP67
- 5 year warranty

MS4³ MINI LED LIGHTHEADS

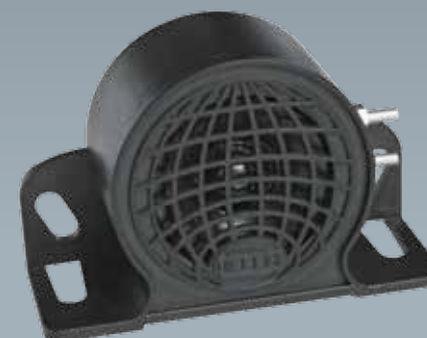
NEW







- Multi-voltage input 12 - 24 VDC
- Triple color lighthead
- 133 user selectable flash patterns including steady on
- Non-volatile memory
- Multiple units can be grouped to flash
- Reverse polarity protection
- Weatherproof and vibration resistant
- 5 year warranty

BACK-UP ALARM

NEW



Description	Part #
 LED Lighthead, Amber	H22901001*
 LED Lighthead, White	H22901021*
 LED Lighthead, Amber / White	H22901031
 LED Lighthead, Blue / White	H22901041*

*Special order item

Description	Part #
 LED Lighthead, Red / White / Blue	H22899001
 LED Lighthead, Amber / White / Blue	H22899011*
 LED Lighthead, Amber / White / Green	H22899021*

*Special order item

Description	Part #
Back-Up Alarm, 9V - 48V, 110 dB(A), Box	009148141
Back-Up Alarm, 9V - 48V, 110 dB(A), Blister	009148142

HELLA VALUEFIT

RC360 LED WORKLIGHT



3000 lm

- Multi-voltage input 12-24 VDC
- Remotely controlled LED worklight
- Full rotation of 360 ° by 360 °
- Polycarbonate lens
- Flash function
- Magnetic mount - fixed
- Cable 4.5 m (15 ft) with cigarette lighter connector
- Measured Lumens: 3000 lm
- 9 high power LEDs,

Description	Part #
RC360 LED Worklight, Long range, Black	H71030701
RC360 LED Worklight, Long range, White	H71030801

5RD LED 1.0 WORKLIGHT



1000 lm

- Multi-voltage input 12-24 VDC
- 1000 lm (Measured lumens)
- Power consumption: 15W
- Stainless steel mounting bracket
- Type of protection: IP 67
- 9 high power LEDs
- Die-cast aluminum housing,
- PC lens with optical disperser
- Protection against reverse polarity

Description	Part #
Close range, blister pack	357101002
Long range, blister pack	357100002

4SQ LED 1.0 WORKLIGHT



1000 lm

NEW

- Multi-voltage input 12-24 VDC
- 1000 lm (Measured lumens)
- Power consumption: 13W
- Stainless steel mounting bracket
- Type of protection: IP 67
- 9 high power LEDs
- Die-cast aluminum housing,
- PC lens with optical disperser
- Protection against reverse polarity

Description	Part #
Close range, blister pack	357103002
Long range, blister pack	357102002
Close range, Handle and Switch	357103041
Long range, Handle and Switch	357103051

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5RD LED 2.0 WORKLIGHT 4SQ LED 2.0 WORKLIGHT



2000 lm

- Multi-voltage input 12-24 VDC
- 2000 lm (Measured lumens)
- Power consumption: 24W
- Stainless steel mounting bracket
- Type of protection: IP 67
- 14 high power LEDs
- Die-cast aluminum housing,
- PC lens with optical disperser
- Protection against reverse polarity

Description	Part #
Close range, blister pack	357105002
Long range, blister pack	357105012
Close range, blister pack, Amber	357105002AMB



2000 lm

- Multi-voltage input 12-24 VDC
- 2000 lm (Measured lumens)
- Power consumption: 24W
- Stainless steel mounting bracket
- Type of protection: IP 67
- 14 high power LEDs
- Die-cast aluminum housing,
- PC lens with optical disperser
- Protection against reverse polarity

Description	Part #
Close range, blister pack	357106002
Long range, blister pack	357106012
Close range, Handle and Switch, Magnetic	357103061
Long range, Handle and Switch, Magnetic	357103071

NEW

This website features work lamps, beacons, light bars, relays, bulbs, and thermal management solutions with tons of information and downloads.

The product pages explain what the product is ideal for, features, explanation of technology used, package contents, and part numbers. Diagrams, beam patterns, testing information, accessories lists and more are available for each product.



HELLA Automotive Sales, Inc.

201 Kelly Drive
Peachtree City, GA 30269
1.877.224.3552
www.hella-pagid
www.highcarbonrotors.com
hella.faq@hella.com

HELLAMEX S.A. de C.V.

RFC: HEL-850315 SC5
Carr. México-Querétaro km 30,
Bodega 2-B,
San Martín Obispo Tepetlixpa,
Cuautitlán Izcalli, C.P. 54763,
Edo. de México, MÉXICO
Tel.: +52 (55) 5321-1380
Tel.: +52 (55) 5321-1001
www.hellamex.com

HELLA do Brasil Automotive Ltda.

Rua Bom Pastor, 2224 -15º andar
04203-002, São Paulo, SP - Brasil
Tel. +55 11.2590.9846
www.hella-brasil.com
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