# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>About Rostra</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>NEW PRODUCTS from Rostra</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>CAMERA SYSTEMS</strong></td>
<td></td>
</tr>
<tr>
<td><em>RearSight Camera Systems</em></td>
<td>14</td>
</tr>
<tr>
<td>OE LCD Screen Video Interface Modules</td>
<td>17</td>
</tr>
<tr>
<td>RearSight LCD-Equipped Mirror/Monitors</td>
<td>25</td>
</tr>
<tr>
<td>Blindspot/Front View Cameras</td>
<td>26</td>
</tr>
<tr>
<td>Universal Backup Cameras</td>
<td>29</td>
</tr>
<tr>
<td>Light Duty Truck Tailgate Handle Cameras</td>
<td>31</td>
</tr>
<tr>
<td>Rearview Mirror Adapter Mounts</td>
<td>32</td>
</tr>
<tr>
<td>4-Channel Video Multiplexer</td>
<td></td>
</tr>
<tr>
<td><em>Sight AddVantage Camera Systems</em></td>
<td>33</td>
</tr>
<tr>
<td><strong>Dashcam Video Recorders</strong></td>
<td>45</td>
</tr>
<tr>
<td><strong>NAVIGATION SYSTEMS - SoftTouch OE</strong></td>
<td>37</td>
</tr>
<tr>
<td><strong>PARK ASSIST SENSOR SYSTEMS (Ultrasonic)</strong></td>
<td>39</td>
</tr>
<tr>
<td>BackZone PLUS</td>
<td>40</td>
</tr>
<tr>
<td>FrontZone</td>
<td>41</td>
</tr>
<tr>
<td>BackZone Truck</td>
<td>43</td>
</tr>
<tr>
<td>BackZone Pro</td>
<td></td>
</tr>
<tr>
<td><strong>SEAT PRODUCTS</strong></td>
<td>47</td>
</tr>
<tr>
<td>ComfortHeat Seat Heating Systems</td>
<td>49</td>
</tr>
<tr>
<td>ComfortSeat Lumbar Support Systems</td>
<td></td>
</tr>
<tr>
<td><strong>HANDS-FREE BLUETOOTH KITS - Con-Verse</strong></td>
<td>50</td>
</tr>
<tr>
<td><strong>LED LIGHTING PRODUCTS</strong></td>
<td>51</td>
</tr>
<tr>
<td>Vehicle-Specific DRL/Accent Lighting</td>
<td></td>
</tr>
<tr>
<td>Universal LED DRL/Accent Lighting</td>
<td></td>
</tr>
<tr>
<td>Jeep/Classic Vehicle 7” Headlamp</td>
<td>52</td>
</tr>
<tr>
<td><strong>CRUISE CONTROL</strong></td>
<td>53</td>
</tr>
<tr>
<td>Vehicle-Specific Electronic Cruise Control Kits</td>
<td></td>
</tr>
<tr>
<td>Universal Cruise Control - Global Cruise Kits</td>
<td>54</td>
</tr>
</tbody>
</table>

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**From the cover...**

Our all-new 250-8950 dual-channel high-definition and mobile device capable DVR. See Page 45 to learn more...
About Rostra Accessories

Rostra, an ISO 9001/TS 16949 Certified company, in addition to supplying OEM components to some of the world’s largest auto and truck component manufacturers, is also North America’s single largest supplier of cruise controls products to the automotive aftermarket. We are continuously pioneering the development and marketing of innovative automotive accessories. Backed by nearly 150 years of experience in precision manufacturing, we have earned our reputation as an ideal partner throughout the automotive industry.

Fast Facts

At our Newark, NJ headquarters, Rostra currently maintains a staff of over 100 employees between our manufacturing and business development teams.

Our product validation facilities allow us to simulate extreme real-world conditions including tests for hot and cold temperatures, along with ingress protection (IP).

Our ability to scale production lines and add new products is largely due to our facility size. Our manufacturing plant measures over 80,000 square-feet.

Our shipping and receiving department is available for shipments Monday-Friday from 9:00 AM until 4:00 PM. Six loading docks allow for easy loading and unloading.

Maintaining on-site technical support means you get answers to complicated questions quickly and from technicians that helped develop the products you install.

Rapid prototyping allows us to create new products per customer specifications at an incredibly fast pace with very little delay between product design and shipping.

Our Specialities

- Universal and vehicle-specific electronic cruise control systems.
- Vehicle rear obstacle sensing and parking assist systems.
- Universal backup camera systems with CCD or CMOS cameras.
- Comfort products including lumbar supports and seat heaters.
- Heavy and light duty truck LED lighting and turn signal switches.
- Add-on navigation and OE LCD screen interface systems.

Design, Engineering, and Prototyping

Our innovative Design and Engineering Department works with virtually all phases of the manufacturing process, right up through customer technical support. This hands-on approach allows us to respond to the changing demands of the marketplace.

Our sophisticated Prototype Department has an expert staff, working with today’s most advanced equipment. They can bring a product from concept into full reality in astonishingly little time.

We make sure that every single product undergoes the most rigorous durability testing. When a product passes our test, you can be sure it’s the best. Our testing facilities include:

- Thermo-Shock Chamber
- Dust Chamber
- Environmental Chamber
- Salt Spray Chamber
- Hydraulic and Air Tests
- Vibration Analysis
- Force Displacement
- Life Cycle Testing

In addition to supplying U.S. customers from our New Jersey plant, we currently export to: Australia, Belgium, Brazil, Canada, China, Denmark, Finland, France, Germany, Holland, Israel, Japan, Korea, Malaysia, Mexico, New Zealand, Norway, South Africa, Sweden, Switzerland, Turkey and the United Kingdom.
Rostra Accessories is excited to announce the availability of all-new multi-camera integration systems for drivers that tow a trailer on a regular basis and long for added visibility behind, to the side of, in front of, and even inside of the trailer connected to the vehicle.

Now available for immediate purchase, Rostra's camera systems raise the bar in terms of build quality, affordability, and long-term dependability over currently-available competitive products. Have a look at these key features that distinguish Rostra from the rest of the industry:

**Product Features**

- **8mm Reinforced Coil Cables**
  - Others Use 4mm

- **Thread-Sealed Weatherproof Connectors**
  - Others Use Push-Together Friction Fittings

- **Polished, Hardened Connection Points**
  - Others Use Lightweight Molded Aluminum

- **Heavy-Duty Copper Pins for Positive Contact**

- **Provision for One Camera with Audio Feed**
  - Others Offer No Audio Capability In Their Harnesses
Trailer Connect Multi-Camera Towing Visibility Systems Continued...

**250-8721-KIT** One-Camera Trailer Connection Kit with 5-Pin 2.5 Meter (8.2’) Coil Harness and 10-Meter (33’) Vehicle Harness

**250-8722-KIT** Two-Camera Trailer Connection Kit with 5-Pin 2.5 Meter (8.2’) Coil Harness and 10-Meter (33’) Vehicle Harness

**250-8723-KIT** Three-Camera Trailer Connection Kit with 7-Pin 2.5 Meter (8.2’) Coil Harness and 10-Meter (33’) Vehicle Harness

**250-8724-KIT** Four-Camera Trailer Connection Kit with 7-Pin 2.5 Meter (8.2’) Coil Harness
Trailer Connect Multi-Camera Towing Visibility Systems Continued...

**250-8721-COIL4M**
5-Pin 4 Meter (13.1’) Coil Harness

**250-8723-COIL4M**
7-Pin 4 Meter (13.1’) Coil Harness

---

**Trailer Camera Service Components**

Rostra Accessories offers a complete line of service components so that fleet managers and vehicle owners can mix and match this equipment to meet their custom trailer camera needs.

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**Trailer Camera Mounting Ideas**

- **Left blindspot camera**
  - Powers on when the left turn signal is activated.

- **Rear camera**
  - Powers on when the vehicle is in reverse.

- **Right blindspot camera**
  - Powers on when the right turn signal is activated.

---

Page 5
Specifications

- **Screen Size**: 9 Inches
- **Aspect Ratio**: 16:9
- **Luminance**: 250cd/m²
- **Resolution**: 800x480
- **Audio**: 1 Audio Input
- **Built-In Speaker**: Yes
- **Video**: 4 Video Inputs
- **Video System**: PAL/NTSC
- **Bracket**: 1 U-Type Bracket Included
- **Sunshade**: Included/Removable
- **Operating Voltage**: 12-24 VDC
- **Modes**: Full, 2 Split, 3 Split, 4 Split
- **System Language**: English, French, Spanish, Dutch, Portuguese, Italian, Turkish, Chinese
- **OSD Menu**: Selects Picture, Volume, Mirror Image, Language, Delay

New Product - 9” Quad-View LCD Monitor

Power/Ground/Trigger and Video Input Harness

4-Pin to RCA Adapter Harness
New Product - General Motors IOB Multi-Camera Interface

Part Number **250-8454**

For 2016+ General Motors vehicles equipped with factory-installed 7” LCD screens. This all-new video interface allows for the installation of multiple cameras around the vehicle providing unparalleled safety through added driver awareness. Covering a wide variety of the most popular GM trucks and cars equipped with the IOB trim level including the Chevrolet Silverado and Colorado, as well as the GMC Sierra and Canyon, camera options include rearview, sideview/blindspot, forward-facing, cargo/trailer and any other camera mounting location that you choose! As well, drivers can connect their mobile phone to the included HDMI input and instantly share their HDMI-compatible phone’s screen to the dashboard of their vehicle.

---

New Product - 4-Pin S-Video to 4-Pin HD Connector Harness

Part Number **250-8183-CBL**

Converts a 4-pin S-video connector to our new heavy-duty thread-together connector
**New Product** - FMVSS 111 Compliant 180-Degree Cameras

**Part Number** 250-8181

**250-8181-HD-10M**
250-8181 with 10-meter harness, RCA adapter, DC power harness

**250-8181-HD-20M**
250-8181 with 20-meter harness, RCA adapter, DC power harness

---

**New Product** - Flush-Mount 18mm 180-Degree Camera

**Part Number** 250-8180

- 1/3" 1280x720 HD CMOS Imager
- 180 Degree Viewing Angle
- Reversible Image
- Selectable Parking Lines
- Surface Mount or LPB Bracket
- Operating Voltage: 9-16 VDC
- Minimum Illumination: <0.2Lux
- Operating Temp: -20°C - 70°C
- Current Draw: Max - 80mA
- IP68 and Vibration Tested

**FMVSS 111 Compliance**

- 250-8180 - 24” to 48”
- 250-8181 - 12” to 84”
- 250-8182 - 12” to 84”
**New Product** - General 180-Degree Digitally-Correct Flush-Mount Camera

A replacement for our previous 250-8083 series cameras, the **250-8184** series, available for immediate shipment, require a discrete 22mm hole be drilled in any flat surface of the vehicle after which the camera simply snaps securely into place. Parking grid lines are standard but can be deactivated by cutting a small loop cable on the camera’s harness.

**Product Line Features**

<table>
<thead>
<tr>
<th>High Resolution 700TVL Camera - 976 x 592</th>
<th>All-Aluminum Housing</th>
</tr>
</thead>
<tbody>
<tr>
<td>180-Degree Digitally Corrected Image</td>
<td>FMVSS 111 Compliant</td>
</tr>
<tr>
<td>18” Lead with 4-Pin HD Connector</td>
<td>Horizontal Reversible Image</td>
</tr>
</tbody>
</table>

**Video Image Correction**

Corrected Image of 250-8184-HD

Standard Image

**Product Photos**

250-8184-HD Replaces 250-8083-HD

250-8184-HD-10M

250-8184-HD-20M
New Product - FMVSS 111 Compliant 180-Degree Cameras

Now available, part number 250-8185 is designed for use on side-mounted applications but is versatile enough to adapt to mounting in almost any orientation and includes brackets for use with 1” to 1.5” diameter side mirror arms. Combined with its 120-degree viewing angle, the camera’s ability to both swivel 360-degrees around in its housing as well as up, down, left and right to adjust the vertical and horizontal view, this camera is the ideal solution for fleet managers to use across their entire line of vehicles.

Product Features

- **Sensor:** 1/3” Sony CCD
- **Resolution:** 700 TVL 976x582
- **TV System:** NTSC
- **Illumination:** 0 LUX with IR Assist
- **View Angle:** 120-Degree
- **Image:** Mirror View
- **Housing:** Aluminum
- **IP Rating:** IP67/IP68
- **Shock Proof:** 4G
- **Operating Voltage:** 12 VDC
- **Connector:** 4-Pin Aviation
- **Cable/Pigtail Length:** 16”
- **Operating Temperature:** -30°C to 70°C
- **Storage Temperature:** -45°C to 85°C

The 250-8185 camera includes a bracket for use with 1” to 1.5” diameter side mirror arms. The bracket and its included hardware conveniently wrap around and then tighten down to the mirror arm for a stable, secure attachment point. The included rubber pads sandwich between the bracket itself and the mirror arm providing both shock absorption and preventing metal-to-metal contact between the camera and the polished or painted surface of the mirror arm.
Now available for shipment, our all-new **250-8170** and **250-8171** series of high-power LED flood beam work lamps include a high-resolution CMOS color camera and an array of eight 3-watt LEDs to provide clear visibility in the darkest environments. With their horizontal image rotation capability, these work lamp/camera combos can be utilized in a number of different positions and orientations. Our LED work lamp/camera devices are available with or without LCD monitors and since the LED lamp is powered separately from the camera, these units can serve as a standalone lighting solution, too!

**Features**
- Sensor: 1/3" CMOS
- Effective Pixels: 976(H) x 592(V)
- Resolution: 700 TVL
- Viewing Angle: 140°
- Minimum Illumination: 0 Lux
- Dustproof/Weatherproof: IP69
- Operating Voltage: 12 VDC
- Operating Temperature: -20°C - 70°C
- Connector: 4-Pin Thread-Together
- LED: 3-Watt x 8 (24-Watt Total)
- Lumen Output: 1154
- LED Color Temp: 6000K
- Beam Pattern: Flood
- Mounting Hardware Included
New Product - LED Work Lamp/Camera Combination

Features
- Sensor: 1/3” CMOS
- Effective Pixels: 976(H) x 592(V)
- Resolution: 700 TVL
- Viewing Angle: 140°
- Minimum Illumination: 0 Lux
- Dustproof/Weatherproof: IP69
- Operating Voltage: 12 VDC
- Operating Temperature: -20°C - 70°C
- Connector: 4-Pin Thread-Together
- LED: 3-Watt x 8 (24-Watt Total)
- Lumen Output: 1154
- LED Color Temp: 6000K
- Beam Pattern: Flood
- Mounting Hardware Included

Part Number
250-8171HD

Part Number 250-8171-HD-10M
250-8171HD Camera with 10 Meter Harness

Part Number 250-8171-HD-20M
250-8171HD Camera with 20 Meter Harness

Part Number 250-8220-SUL
* 7” monitor includes pedestal stand

Part Number 250-8221-SUL
* 7” monitor includes stem mount
Rostra Accessories is pleased to introduce an innovative new way of attaching our recently-released combination LED work lamp cameras to your vehicle. Available for immediate shipment, Rostra part number 250-8170-MAG is a 3.5” rubber-coated disk which incorporates 12 powerful magnets into its base to temporarily or permanently attach an LED lamp or other hinge-mount camera to a metal body panel.
## OE LCD Screen Video Interface Modules

*Bring Your Own Camera (BYOC)*

### Chrysler/Dodge

**250-8418-MOD**

- All applications require 5” or 8.4” display (RA2/RA3/RA4)
- 2015-2018 Chrysler 200
- 2015-2018 Dodge Charger
- 2014-2018 Jeep Grand Cherokee
- 2013-2018 Dodge Viper
- 2015-2018 Chrysler 300
- 2014-2015 Jeep Cherokee
- 2017-2018 Chrysler Pacifica
- 2015-2018 Dodge Challenger
- 2014-2018 Dodge Durango
- 2013-2018 Dodge/RAM Trucks

### Ford/Lincoln 4” Screen

**250-8419-MOD**

- All applications require 4” display
- 2013-2017 Ford C-Max
- 2011-2017 Ford Edge
- 2013-2017 Ford Escape
- 2015-2017 Ford Expedition
- 2011-2017 Ford Explorer
- 2013-2017 Ford Flex
- 2012-2017 Ford Focus
- 2013-2017 Ford Fusion
- 2015-2017 Ford Mustang
- 2013-2017 F150
- 2017 Ford F250
- 2017 Ford F350
- 2017 Ford F450
- 2017 Ford F550
- 2013-2017 Ford Taurus
- 2014-2017 Ford Transit
- 2014-2017 Ford Transit Connect

### Ford/Lincoln 8” Screen

**250-8420-MOD**

- Applications require 8” display & factory camera
- 2013-2018 C-Max
- 2011-2018 Edge
- 2013-2018 Escape
- 2015-2018 Expedition
- 2011-2018 Explorer
- 2015-2018 Dodge Charger
- 2014-2015 Jeep Cherokee
- 2014-2018 Dodge Durango
- 2017-2018 Chrysler Pacifica
- 2013-2018 Dodge/RAM Trucks
- 2013-2018 Dodge Viper
- 2013-2018 MKS
- 2013-2018 MKT
- 2013-2018 MKZ
- 2011-2018 MKX
- 2014-2018 Fiesta
- 2013-2018 Flex
- 2014-2018 Transit
- 2014-2018 Transit Connect

### OE LCD Screen Video Interface Modules

**250-8424SPT**

- Plug-and-play camera programmer
- Enables camera retrofit
- OBDII Programmer
- On-demand option.
- Includes RCA to FAKRA adapter

**250-8425MET**

- Plug-and-play camera programmer
- Includes FAKRA to RCA adapter to plug camera into factory input
Multi-Camera Video Interface Systems for OE LCD Screens

The most extensible camera interface and mobile phone screen sharing devices on the market for General Motors and Ford vehicles equipped with factory-installed 8” LCD screens are now available and only from Rostra! These all-new video interfaces allow for the installation of multiple cameras around the vehicle providing unparalleled safety through added driver awareness. Covering a wide variety of the most popular Ford and GM trucks and cars, camera options include rearview, sideview/blindspot, forward-facing, cargo/trailer and any other camera mounting location that you choose! As well, drivers can connect their mobile phone to the included HDMI input and instantly share their phone’s screen to the dashboard of their vehicle.

GM NOTE: Requires vehicle be equipped with Radio / HMI module combination (RPO Code IO5 & IO6). Vehicles with one-piece radio systems are not applicable. Ford NOTE: Requires vehicle be equipped with SYNC3 system.

<table>
<thead>
<tr>
<th>Part Numbers and Vehicle Applications</th>
<th>Chevrolet (Part # 250-8450)</th>
<th>GMC (Part # 250-8451)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-2018 Silverado 2500</td>
<td></td>
<td>2014-2018 Sierra 2500</td>
</tr>
<tr>
<td>2014-2018 Silverado 3500</td>
<td></td>
<td>2014-2018 Sierra 3500</td>
</tr>
</tbody>
</table>

For SYNC 3 system v. 2.1 or lower*  For SYNC 3 system v. 2.2 or lower*  For any SYNC 3 version*

* Visit rostra.com for a complete vehicle list

Product Features

- Completely plug and play with the factory entertainment system. Module installation takes less than 30 minutes.
- Allows connection of four cameras to the factory screen in addition to the OEM backup camera.
- Allows monitoring of any connected camera at any time while driving (not including OEM backup camera).
- Right and Left Blind spot camera inputs automatically triggered by the turn signals.
- Included HDMI video input allows mobile phone screen mirroring to the in-dash monitor.
- Included USB port charges your mobile devices when connected.
- Easy to use menus in the factory UI with operational choices such as English, French, or Spanish language.

Product Photos

Pictured - Part Number 250-8450
Android is a registered trademark of Google, Inc. | iOS is a registered trademark of Apple, Inc.

The Rostra GM and Ford video interfaces are a unique in that feedback for the factory infotainment system like radio volume and A/C controls are available on-screen even when video from a camera or mobile device is active further adding to the OE-style of integration.

Real-time monitoring of the bed or cargo area of the vehicle can be achieved using the selectable reverse camera option to display video while on the road or when the vehicle is placed in reverse - an ideal solution for fifth-wheel trailer connectivity.

Factory Information Control Overlay
The device’s rear camera input can be used to add an aftermarket backup camera to vehicles without an existing camera or to display video from a factory-installed camera. Drivers can easily alternate the function of shifting the vehicle into reverse to display a Bed/Cargo Area or rear-view camera in the factory-style Settings menu.

Rear-View Camera Video Input
Mobile Device Screen Sharing
The included HDMI input allows mirroring of an Android™ or iOS™ device’s screen directly to the dash of the vehicle while the USB port provides charging of the device when connected. Audio from the device streams via the vehicle’s Bluetooth system providing an OE feel.

A front-facing camera can be triggered to power on automatically when the vehicle is in motion at less than 10 MPH or manually with a long press of the BACK button on the face of the radio.

Side-view cameras integrated into the vehicle’s mirrors can easily display video from the vehicle’s blindspots when the left or right turn signals are active. Blindspot cameras can also be powered on manually via the touch screen’s Camera icon.
At Rostra, we are proud to introduce the following innovative video mirror/monitor systems to our RearSight® line of backup camera systems:

**Part Number 250-8208 4.3” LCD Mirror/Monitor (Two Video-In)**

- Manual-dimming for nighttime driving.
- Quick-Touch Front/AUX camera view with auto-off *.
- Includes standard lug mount and Hyundai/Kia adapter.

* Exclusive Rostra feature.

- Adjustable parking grid lines.
- Remote control for accessing built-in functionality.
- Dual RCA video inputs with individual triggers.
- 9-foot video cable provides easier connectivity.

**Part Number 250-8273 7.3” LCD Mirror/Monitor (Three Video-In)**

- 7.3” wide screen monitor (1280 x 390 resolution)
- Anti-glare coated glass reduces light reflection
- Built-in touch screen controls for accessing cameras
- Right and Left blindspot camera inputs
- Full or split view screen options available
- Camera inputs automatically or manually triggered
- Remote control for configuring parking grid lines
- Includes full-color Install and Owner’s Manuals

- LCD brightness adjusts to external environment
- Mirror stem includes universal lug base
- Hyundai/Kia windshield lug adapters included
- 9’ harness for easy connections below dashboard
- TFT-LCD screen with 1000cd/m² brightness
- 10-16VDC operating voltage
- -20°C - +65°C working temperature
- PAL/NTSC Compatible with Video Auto-Select
Part Number 250-8243 4.3” LCD Mirror/Monitor (Four Video-In)

Features manual dimming tab and triggers to process up to four video sources (reverse, front, left and right blindspot cameras, for example) on its 4.3” LCD display.

- 4.3” TFT LCD display with auto-dimming LCD panel
- 16:9 Aspect Ratio
- 480 x 272 Resolution
- 1000 Cd/m² LCD Brightness (with user adjustable dimming)
- NTSC/PAL/AUTO Video compatibility
- 12V DC Power supply / 3.6W (working)
- 9-foot Video cable for easier connectivity

Part Number 250-8240 4.3” LCD Mirror/Monitor (Two Video-In)

- 4.3” TFT LCD display with auto-dimming LCD panel
- 16:9 Aspect Ratio
- 480 x 272 Resolution
- 1000 Cd/m² LCD Brightness (with user adjustable dimming)
- NTSC/PAL/AUTO Video compatibility
- Dual RCA Video Inputs with individual triggers
- Quick-Touch ON/OFF Front/AUX camera control
- Tinted anti-glare glass
- 12V DC Power supply / 3.6W (working)
- 9-foot Video cable for easier connectivity

* Exclusive Rostra feature
RearSight® LCD Mirror/Monitors Updates continued...

Part Number 250-8820 4.3” LCD Mirror/Monitor (Two Video-In)

Part Number 250-8821 4.3” LCD Mirror/Monitor (Two Video-In, Comp/Temp)

Kit Contents

Features

- OnStar™ access through built-in buttons
- 4.3” TFT auto-dimming LCD display
- 16:9 aspect ratio
- 480 x 272 resolution
- 1000 Cd/m² LCD Brightness
- **Auto-dimming mirror glass**
- NTSC/PAL/AUTO Video compatibility
- Dual RCA video inputs
- 9-foot cable for easier installation
- Adjust parking grid lines with remote
- Includes 16-to-10 pin adapter harness
- Includes temperature sensor *
- Includes custom stem shrouds

* Applies to 250-8821 only.
Part Number 250-8830 4.3” LCD Mirror/Monitor (Two Video-In)

Part Number 250-8831 4.3” LCD Mirror/Monitor (Two Video-In, Comp/Temp)

Kit Contents

Features

- 4.3” TFT auto-dimming LCD display
- 16:9 aspect ratio
- 480 x 272 resolution
- 1000 Cd/m² LCD Brightness
- **Auto-dimming mirror glass**
- NTSC/PAL/AUTO Video compatibility
- Dual RCA video inputs
- 9-foot cable for easier installation
- Adjust parking grid lines with remote
- Includes temperature sensor *
- Includes custom stem shrouds
- * Applies to 250-8831 only.
RearSight® LCD Mirror/Monitors Updates continued...

**Quick-Touch Power Button** (available with mirrors 250-8208, 250-8240, and 250-8243)

The face of the 250-8208 RearSight® mirrors include a power button that controls different functions when the mirror is powered on depending on how it is pressed by the driver.

A When in reverse, a quick press of the power button will manually increase the overall brightness of the built-in LCD screen. Once maximum brightness has been reached, the brightness will reset.

B When the vehicle is not in reverse, the power button can be held for two seconds to display video from an auxiliary camera such as a forward-facing or blindspot unit.

**Turn Signal Activated Side-View/Blindspot Video Display** (available with mirrors 250-8273 and 250-8243)

While the rear-facing video input of the 250-8273 mirror/monitor provides drivers with peace-of-mind when maneuvering their vehicle in reverse, the mirror includes options for both Left and Right video displays which can be triggered automatically by the vehicle’s turn signal switch or activated manually as-needed by the driver using the on-screen CH button. With Rostra’s 250-8273, no external relays are required to activate these inputs.

**Auto-Dimming LCD Screen** (available with mirrors 250-8208, 250-8240, 250-8243, and 250-8273)

The mirror’s built-in photo sensor automatically dims the LCD screen in low light conditions to ease strain on the driver’s eyes while increasing illumination of the LCD during the day to make the screen easier to see in daylight.
RearSight® Universal Backup Cameras

Part Number - 250-8208-TL 4.3” Tri-Lobe LCD Mirror/Monitor
For use on Chrysler/Ford vehicles with twist-off tri-lobe windshield/rearview mirror mount. Same features as 250-8208.

Nissan NV200 and Chevrolet City Express Custom Mirror
Part Number - 250-8208-NIS 4.3” LCD Mirror/Monitor
Same features as 250-8208.

RearSight Accessories and Upgrade Components

Part Number - 250-8822

Part Number - 250-8151
Microphone relocation kit. For use when microphone-equipped OE mirror is removed but microphone functionality is still needed.
RearSight® LCD Monitors

Part Number **250-8212**
Monitor Specifications
7-inch LCD monitor
800 x 480 resolution
Matte finish reduces glare
Three video inputs
Auto day/night dimming
Adjustable brightness/contrast
Built-in speakers for audio
Includes pedestal mount

Part Number **250-8214**
Monitor Specifications
7-inch LCD monitor
800 x 480 resolution
Matte finish reduces glare
Dual video inputs
Auto day/night dimming
Adjustable brightness/contrast
Built-in speakers for audio
Includes stem mount

Part Number **250-8220**
Monitor Specifications
7-inch LCD monitor
800 x 480 resolution
Matte finish reduces glare
Dual video inputs

Part Number **250-8221**
Monitor Specifications
7-inch LCD monitor
800 x 480 resolution
Matte finish reduces glare
Dual video inputs

Includes pedestal mount

Includes stem mount
3rd Brake Light Integrated Infrared Cameras

3rd brake light cameras provide some of the most popular fleet vehicles in the automotive industry with an innovative way of overcoming their notorious blindspots. Now available for Dodge and Mercedes Sprinter vans, Chevrolet Express and GMC Savana vans, the Nissan NV, and new Ram ProMaster, Rostra’s line of 3rd brake light cameras add the safety benefits of a rear vision system while retaining the original brake lamp functionality. View full specifications by visiting us online at rostra.com.

**Part Number - 250-8215-IR**

250-8215 Wireless Monitor with 250-8153 Wireless Camera

**250-8162**

2007-2018 Dodge/Mercedes Sprinter

**250-8155**

2013+ Nissan NV200 and Chevrolet City Express

Third brake lamp adapter with integrated CMOS camera (integrates with factory third brake lamp lens).
At Rostra Accessories, we are pleased to announce the availability of our all-new dual-camera blindspot vision system, part number **250-8160-BSC**. The low-profile CMOS color cameras included with this system blend neatly into the underside of the vehicle’s sideview mirrors and provide drivers with an unparalleled view of the obstructed areas typical to the reduced line-of-sight most modern vehicles.

**Specifications**

| Two 1/4” CMOS color cameras | 756 x 504 (600 TVL) resolution | 150-degree viewing angle | Front view option | Selectable grid lines | .2 Lux minimum illumination | 6V-16V operating voltage | -20°C to 70°C operating temp | IP67 weatherproof |

**Product Photos**
The **250-8199** replaces the popular 250-8092 license plate bracket camera and is adaptable to an even larger variety of vehicles thanks to included hinge and tab style mounting brackets. The new camera boasts superior image quality and the addition of an integral microphone for use with speaker-equipped monitors. Ten selectable parking grid line options enable owners to configure this versatile camera for a wide range of passenger car, light truck and commercial vehicles.

**Product Specifications**

- **1/3” CMOS Camera**
- **480 Lines Horizontal Resolution**
- **160° Wide Angle View**
- **Normal / Reverse Image**
- **0.1 Lux Minimum Illumination**
- **Selectable Parking Gridlines**
- **Built-in Microphone**
- **License Plate, Hinge and Tab Mounts**
- **Adjustable Vertical Camera Angle**
- **Anti-theft Camera Mounting Hardware**
- **16.4’ (5m) Video Cable with RCA Plugs**
- **IP 68 Ingress Protection**
- **-30° to 85° C Operating Range**
- **6V to 16V Operating Voltage**
- **Available with HD 4-pin connector**

**On-Screen Parking Grid Line Options**

**Complete Installation Components**
### Camera Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Image</th>
<th>Description</th>
</tr>
</thead>
</table>
| 250-8098-HD | ![Image](image1.png) | 1/4" CCD color camera  
0 Lux light sensitivity  
10-LED infrared ring  
Versatile mounting options  
Includes RCA adapters  
Mounting hardware included  
250-8098-10M (33' harness)  
250-8098-20M (66' harness) |
| 250-8143 | ![Image](image2.png) | 1/3-inch CMOS color camera  
0 Lux light sensitivity  
24-LED infrared ring  
Versatile mounting options  
Includes RCA adapters  
Mounting hardware included  
250-8143-10M (33' harness)  
250-8143-20M (66' harness) |
| 250-8147-HD | ![Image](image3.png) | 1/4-inch CMOS camera  
150-degree view  
.5 Lux light sensitivity  
4-pin weatherproof plug  
Lip or tailgate mountable  
Selectable parking grid lines  
Waterproof case/anti-fog lens.  
Includes all mounting hardware  
250-8147-HD-10M (33' harness)  
250-8147-HD-20M (66' harness) |
| 250-8148 | ![Image](image4.png) | 1/4-inch CMOS camera  
120-degree view  
.1 Lux light sensitivity  
4-pin weatherproof plug  
420 TVL resolution  
Selectable parking grid lines  
Hinge mount with lense cover  
Includes all mounting hardware  
250-8149-10M (33' harness)  
250-8149-20M (66' harness) |
| 250-8149 | ![Image](image5.png) | 1/4-inch CCD camera  
120-degree view  
.1 Lux light sensitivity  
4-pin weatherproof plug  
420 TVL resolution  
Selectable parking grid lines  
Hinge mount with lense cover  
Includes all mounting hardware  
250-8149-10M (33' harness)  
250-8149-20M (66' harness) |
| 250-8150 | ![Image](image6.png) | 1/4-inch CCD camera  
120-degree view  
.1 Lux light sensitivity  
4-pin weatherproof plug  
420 TVL resolution  
Selectable parking grid lines  
Hinge mount with lense cover  
Includes all mounting hardware  
250-8150-10M (33' harness)  
250-8150-20M (66' harness) |
Camera Specifications
1/3" CMOS color camera HD 1280x720 resolution License plate-mount bracket 180-degree viewing angle 12" pigtail harness
250-8181-10M (33’ harness) 250-8181-20M (66’ harness)

Horizontal image rotation Selectable parking grid lines 12”-84” FMVSS 111 compliant Exceeds DOT TP-111V-01 IP68 and vibration tested

250-8182-10M (33’ harness) 250-8182-20M (66’ harness)

Camera Specifications
1/4" CMOS color camera License plate-mount 160-degree viewing angle 32” pigtail harness
250-8199-HD-10M (33’ harness) 250-8199-HD-20M (66’ harness)

Selectable parking grid lines 9 grid line options Waterproof case/anti-fog lens Mounting hardware included

250-8199-HD-10M (33’ harness) 250-8199-HD-20M (66’ harness)
Rostra's newly-updated line of tailgate handle integrated color cameras provides a unique way of adding a backup camera system to many of the most popular light-duty trucks on the road today. Every RearSight® tailgate handle camera is custom molded to be a direct replacement to the factory handle and comes equipped with an advanced CMOS III camera/sensor that includes selectable parking grid lines that have been accurately measured to match the grid lines available from the OE component. Likewise, each RearSight® tailgate handle camera includes a 30-foot vehicle extension harness, 4-pin thread-together/weatherproof connector, convoluted tubing protective wire loom, and RCA video output connector to supply video to any RCA-equipped video monitor.

As always, every tailgate handle camera offered by Rostra includes our industry-leading 3-year/36,000 mile warranty.

**RearSight® Tailgate Handle Camera Specifications** (applies to all)

<table>
<thead>
<tr>
<th>Image Sensor</th>
<th>Viewing Angle</th>
<th>3-Element Lens Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced CMOS III</td>
<td>Diagonal 168°/Horizontal 130°/Vertical 100°</td>
<td>IR Filter with Scratch Protection Coating</td>
</tr>
<tr>
<td>Resolution</td>
<td>Parking Grid Lines</td>
<td>Anti-Fog Coating</td>
</tr>
<tr>
<td>640 x 480</td>
<td>Matching OEM Design, Selectable On/Off</td>
<td>IR Protective Coating</td>
</tr>
<tr>
<td>Waterproofing</td>
<td>Video System</td>
<td>Working Temperature / Storage Temperature</td>
</tr>
<tr>
<td>IP 67 Rated</td>
<td>NTSC, Full Color Output</td>
<td>-20°C - +70°C / -40°C - +85°C</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>Minimum Illumination</td>
<td></td>
</tr>
<tr>
<td>6V-32V</td>
<td>0.1 LUX</td>
<td></td>
</tr>
</tbody>
</table>

**250-8651**
2007-2013 1500 Chevrolet Silverado & GMC Sierra
2007-2014 2500/3500 Chevrolet Silverado & GMC Sierra

**250-8655**
2014+ Chevrolet Silverado & GMC Sierra 1500
2015+ Chevrolet Silverado & GMC Sierra 2500/3500

**250-8645** 2015+ Ford F150

Available with screen interface module for Ford 4.2” display. Part number **250-8419-FDL15** includes module and latch camera.
250-8650 Not for use with Heritage model trucks.
2004-2014 Ford F-150
2008-2016 Ford F-250/350/450/550

250-8652
2010-2019* Dodge Ram Trucks
* Classic body style only for 2019 year-model.

250-8653
2005-2015 Toyota Tacoma

250-8657
2007-2013 Toyota Tundra

Pictured: 250-8645 Ford F150
Adapt a vehicle’s original equipment rearview mirror mount to accommodate any of Rostra’s RearSight® LCD-equipped rearview mirrors or monitors with one of our custom mirror stem adapters. Please visit us online at rostra.com for a complete application listing and updates.

**250-8604**

Multiple Dodge/Mercedes/Smart applications

**250-8605**

Multiple Volkswagen/Audi applications

**250-8606**

Volkswagen Passat (2012-2014)

**250-8608**

Multiple Dodge/Ram/Chrysler applications

**250-8609**

Multiple Honda/Scion/Subaru applications

**250-8602**

Mirror spacer 250-8602 is the ideal solution for adding clearance between the top of the mirror and the console or roof of the vehicle. Installation time generally takes less than 1 minute.
At Rostra Accessories, we are pleased to announce an upgrade to our 250-8532 4-channel video multiplexer. Available for immediate purchase, this device has been updated with a more robust user interface providing innovative new ways of displaying multiple on-screen images from up to four camera placed around a vehicle.

**Product Features**

Displays up to 4 cameras on screen.
Triggered video input overrides.
Rugged exterior housing.
Thread-together connections.
Includes mounting screws.
Four audio/video inputs.
Single audio/video output.
Provides power for attached cameras.
Includes IR remote for manual switching.
Ideal for use with Rostra HD cameras.

7" LCD monitors available separately.
At Rostra Accessories, we are pleased to announce an exciting update to our *Sight AddVantage* line of lower cost, high-quality backup camera systems. Available for immediate shipment, the built-in features of the four rear-view cameras below are sure to impress your customers.

### Product Information

**Part Number**  
300-LPB  
Universal license plate mountable camera.  
Includes hinge mount for liftgate or trunk lid mounting.

**Features**

- **Image Sensor:** 1/4” Color CMOS  
- **Viewing Angle:** 160-degree Wide Angle  
- **Resolution:** 648(H)×488(V) 420 Lines  
- **Video Output Format:** PAL/NTSC  
- **Minimum Illumination:** 0.2 Lux  
- **Lens SPEC:** IP69 Waterproof  
- **Image Gain Control:** Auto  
- **White Balance:** Auto  
- **Working Voltage:** DC 6V-16V  
- **Working Temperature:** -20°+70°

**Included Components**

- License Plate Mountable Camera  
- Hinge Mount for Trunk or Liftgate  
- 30-foot RCA Cable with Built-In Power  
- All Mounting Hardware

---

300-LPB Installed
Part Number 300-BAR Universal license plate mountable camera.

**Features**
- Image Sensor: 1/3" Color CMOS
- Viewing Angle: 160-degree Wide Angle
- Resolution: 648(H)x488(V) 420 Lines
- Video Output Format: PAL/NTSC
- Minimum Illumination: 0.2 Lux

**Lens SPEC**:
- IP69 Waterproof
- Image Gain Control: Auto
- White Balance: Auto
- Working Voltage: DC 6V-16V
- Working Temperature: -20°+70°

**Included Components**
- License Plate Mountable Camera
- Swivel Camera Up or Down to Adjust View
- 30-foot RCA Cable with Built-In Power
- All Mounting Hardware Included

---

Part Number 300-LIP Universal lip-mount camera.

**Features**
- Image Sensor: 1/3" Color CMOS
- Viewing Angle: 160-degree Wide Angle
- Resolution: 648(H)x488(V) 420 Lines
- Video Output Format: PAL/NTSC
- Minimum Illumination: 0.2 Lux

**Lens SPEC**:
- IP69 Waterproof
- Image Gain Control: Auto
- White Balance: Auto
- Working Voltage: DC 6V-16V
- Working Temperature: -20°+70°

**Included Components**
- Base Mounts to SUV/Van Liftgate
- 30-foot RCA Cable with Built-In Power
- All Mounting Hardware Included

---

@rostraaccessories  @rostratweets  youtube.com/rostra
### Sight AddVantage continued...

#### Part Number 300-FLSHMNT
Universal flush-mount camera.

**Features**
- **Image Sensor:** 1/4" Color CMOS
- **Viewing Angle:** 160-degree Wide Angle
- **Resolution:** 648(H)×488(V) 420 Lines
- **Video Output Format:** PAL/NTSC
- **Minimum Illumination:** 0.3 Lux
- **Lens SPEC:** 1.12mm, Waterproof (IP69)
- **Image Gain Control:** Auto
- **White Balance:** Auto
- **Working Voltage:** DC 12V-24V
- **Working Temperature:** -20°C - +70°C

**Included Components**
- Flush-Mount Camera
- Custom Hole Saw
- 20-foot RCA Cable
- Male DC Power Harness

---

#### Part Number 300-CUBE
Universal LED hinge-mount camera.

**Features**
- **Image Sensor:** 1/4" Color CMOS
- **Viewing Angle:** 120-degree Wide Angle
- **Resolution:** 648(H)×488(V) 420 Lines
- **Video Output Format:** PAL/NTSC
- **Minimum Illumination:** 0 Lux
- **Lens SPEC:** 1.12mm, Waterproof (IP68)
- **Image Gain Control:** Auto
- **White Balance:** Auto
- **Working Voltage:** DC 12V-24V
- **Working Temperature:** -20°C - +70°C

**Included Components**
- Hinge-Mount Camera
- LED Array for Illumination
- 20-foot RCA Cable
- Male DC Power Harness
- Mounting Hardware
Features
- **Image Sensor:** 1/4" Color CMOS
- **Viewing Angle:** 160-degree Wide Angle
- **Resolution:** 648(H)×488(V) 420 Lines
- **Video Output Format:** PAL/NTSC
- **Minimum Illumination:** 0.3 Lux
- **Lens SPEC:** 1.12mm, Waterproof (IP69)
- **Image Gain Control:** Auto
- **White Balance:** Auto
- **Working Voltage:** DC 12V-24V
- **Working Temperature:** -20°+70°

Included Components
- Multi-Axis Flat-Mount Camera
- Custom Hole Saw
- 20-foot RCA Cable
- Male DC Power Harness

The Rostra Difference
At Rostra Accessories, precision manufacturing is at the heart of all that we do. As a company with an intense focus on quality control, we openly submit our manufacturing processes to annual inspections and are proud to carry both **ISO 9001:2008** and **TS 16949:2009** certifications. As well, Rostra employees receive training in Six Sigma process improvement strategies. Our customers know that when they buy a Rostra products, they are getting quality components every time.

Our product validation facilities allow us to simulate extreme real-world conditions including tests for hot and cold temperatures, along with ingress protection (IP) and vibration. Rostra parts go through 400+ of hours of testing in our lab environment.

Our ability to scale production lines and add new products is due to our facility’s size. Our Newark, NJ manufacturing plant measures over 80,000 square-feet and employs over 100 team members between our **12-Volt Accessories** and VSM heavy truck divisions.

Maintaining on-site technical support means you get answers to complicated questions quickly and from technicians that were heavily involved in the development the products you install. Support Technicians are available M-F 8:00AM - 5:00PM at 1-800-732-4744.
At Rostra Accessories, we are pleased to announce the expansion of our SoftTouch™ Navigation Systems product line. Available for immediate purchase, we’re excited to now offer an OE-grade solution to upgrading the factory infotainment system in your Ford or General Motors vehicle to include GPS and turn-by-turn directional mapping technology from HERE.

Originally available for vehicles with upper trim level packages only, these navigation control modules allow installers to easily upgrade popular Ford and GM cars, trucks, and SUVs with factory-installed 8” LCD screens and MyFord Touch, MyLink, IntelliLink and CUE systems. Installed in just minutes for most applications, our SoftTouch OE systems require no invasive deconstruction of the factory radio and LCD screen and connect to wiring already pre-installed on the vehicles listed below.

### Ford/Lincoln

#### Part Number 250-7714D Vehicle Applications

Note: VIN confirmation is required for applications listed below with a picture of the vehicle’s window sticker, inner driver-side door sticker, or VIN plate.

<table>
<thead>
<tr>
<th>Year</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2015</td>
<td>C-Max</td>
</tr>
<tr>
<td>2011-2015</td>
<td>Edge</td>
</tr>
<tr>
<td>2013-2015</td>
<td>Escape</td>
</tr>
<tr>
<td>2015</td>
<td>Expedition</td>
</tr>
<tr>
<td>2011-2016</td>
<td>Explorer</td>
</tr>
<tr>
<td>2013-2015</td>
<td>F-150</td>
</tr>
<tr>
<td>2015-2016</td>
<td>F250/F350</td>
</tr>
<tr>
<td>2014-2015</td>
<td>Fiesta</td>
</tr>
</tbody>
</table>

#### Part Number 250-7715D Vehicle Applications

Note: VIN confirmation is required for applications listed below with a picture of the vehicle’s window sticker, inner driver-side door sticker, or VIN plate.

<table>
<thead>
<tr>
<th>Year</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-2018</td>
<td>C-Max</td>
</tr>
<tr>
<td>2018</td>
<td>EcoSport</td>
</tr>
<tr>
<td>2016-2018</td>
<td>Edge</td>
</tr>
<tr>
<td>2016-2018</td>
<td>Escape</td>
</tr>
<tr>
<td>2016-2018</td>
<td>Expedition</td>
</tr>
<tr>
<td>2017-2018</td>
<td>Explorer</td>
</tr>
<tr>
<td>2016-2018</td>
<td>F-150</td>
</tr>
<tr>
<td>2017-2019</td>
<td>F-250/350</td>
</tr>
</tbody>
</table>

* Confirm system. Late production models may be SYNC 3.
### 250-7716D

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td></td>
<td>2016 CT6</td>
<td>2013-2015 SRX</td>
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<tr>
<td></td>
<td>2014-2015 XTS</td>
<td></td>
</tr>
<tr>
<td>GMC</td>
<td>2014-2015 Sierra 1500</td>
<td>2015 Sierra 2500</td>
</tr>
<tr>
<td></td>
<td>2015 Yukon</td>
<td></td>
</tr>
</tbody>
</table>

### 250-7717D

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>* Must verify on vehicle.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>** Old body Cruze/Malibu only.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*** This is a complete radio exchange (NOT an HMI module).</td>
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</tr>
<tr>
<td></td>
<td>*** Adding to a vehicle without Surround view will result in loss of the factory parking lines.</td>
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</tr>
</tbody>
</table>

### 250-7718D

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2017-2019** Cruze</td>
<td>2018-2019*** Equinox</td>
<td></td>
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<tr>
<td></td>
<td>2016-2019 Impala</td>
<td>2016-2019 Malibu</td>
<td></td>
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<tr>
<td></td>
<td>Late 2016*-2019** Malibu</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016-2018 Silverado 1500-3500</td>
<td>2019 Sonic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2019 Spark</td>
<td>2016-2019 Suburban</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016-2019 Tahoe</td>
<td>2016-2019 Traverse ***</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016-2018 Volt ***</td>
<td>2017-2018 Acadia ***</td>
<td></td>
</tr>
<tr>
<td>GMC</td>
<td>2017-2018 Acadia ***</td>
<td>2016-2018 Canyon</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016-2018 Sierra 1500</td>
<td>2016-2018 Sierra 2500</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2016-2019 Yukon</td>
<td>2016-2019 Yukon</td>
<td></td>
</tr>
</tbody>
</table>
The BackZone Plus is an industry-leading automotive reverse parking assist system developed by Rostra Accessories and designed to give every driver peace-of-mind while maneuvering their vehicle in situations where space is narrow. The BackZone Plus provides both visual and audible alerts to the potential dangers of nearby obstacles through the use of an included buzzer built into a digital display that can be mounted on your sun visor or dashboard. When the vehicle is shifted into reverse, the system will automatically engage and output a single “beep” alerting the driver it has been activated. The system will further alert the driver to the presence of obstacles within each of its detection zones. From a pulsing beep to a steady tone, the BackZone Plus system works to keep drivers aware of their surroundings. The system goes silent again only when an obstacle is no longer in range of contacting the vehicle.
The FrontZone is a revolutionary automotive forward-facing parking assistance system developed by Rostra Accessories and designed to give every driver peace-of-mind while parking their vehicle in cramped quarters. The FrontZone unit provides both visual and audible alerts to the potential dangers of nearby obstacles through the use of an included buzzer built into a digital display that can be mounted on your sun visor or dashboard and engages automatically when the vehicle is travelling at low speeds.

**FrontZone Detection Zones**

- **Safety Zone**
- **Caution Zone**
- **Danger Zone**

60 Inches
Introducing **BackZone Truck (250-1903-BZTRK)**, Rostra’s latest innovation in vehicle parking assistance systems. Designed around the reliable components that customers have come to expect from the BackZone name, BackZone Truck advances the usability of the product line for light-duty trucks. Key features of this new system include the following:

**25-Foot Truck Harness**

Ultrasonic parking assistance systems typically require the use of harness extensions when being installed onto light duty trucks. These extensions introduce multiple points of failure and signal interference. That all changes with BackZone Truck. Each BackZone Truck system includes a weather-proof 25’ harness designed to connect the four bumper-mounted ultrasonic sensors to the BackZone control module in a single run.

**Coming Soon:** Part Number **250-1903-BZ35** featuring a 35-foot sensor extension harness

**Redesigned BackZone Control Module**

The BackZone control module packaged with the BackZone Truck system includes an internal electronics redesign necessary to transmit interference-free signals from the bumper-mounted ultrasonic sensors along the 25-foot harness - an industry first.

**Smaller Audible/Visual Display**

Compared to Rostra’s standard BackZone Plus and FrontZone parking assistance systems, the BackZone Truck includes a dashboard/visor mount display with a smaller overall footprint designed to more seamlessly blend into a vehicle’s interior.

**Full-Color Retail Packaging**

Every BackZone Truck system ships with full-color retail packaging. This box design acts as a “silent salesman” in your showroom detailing the myriad features of the BackZone Truck system. Likewise, the box was redesigned with warehouse distributors in mind providing ample blank panel space for multiple UPC label sizes allowing easy storage and quick retrieval from a warehouse.
What’s Included with the BackZone Truck?

- Full-color retail packaging
- Glossy installation/owner’s manual.
- Bumper drilling template.
- Four flush-mount ultrasonic sensors.
- Four rubber sensor sleeves.
- Four under-bumper sensor mounts.
- Under-bumper mounting hardware.
- 25-foot sensor extension harness.
- BackZone Truck control module.
- Dashboard/Visor audio-visual display *

- Standalone buzzer with 19’ harness **.
- 21.5 mm hole saw.
- 24.5 mm hole saw.
- Two-wire power/ground harness.
- Cable ties.
- Four 6-degree angled sensor bezels.
- Four 12-degree angled sensor bezels.
- 3M VHB mounting tape for module.
- 3M VHB mounting tape for display.
- Two quick splice connectors.

* Options for Off, Visual Display Only, or Visual Display and Audio Output (90 dB).

** Options for High Audio Output (105 dB) and Low Audio Output (90 dB).
Introducing **BackZone Pro (250-1903-BZPRO)**, Rostra’s latest innovation in vehicle parking assistance systems. Developed specifically for passenger cars and designed around the reliable components that customers have come to expect from the BackZone name, BackZone Pro advances the usability of the product line by easing installation and providing options for audio-visual or audible-only object detection alerts through the included dashboard or visor mountable display or a standalone buzzer. Key features of this new system include the following:

### Smaller Audible/Visual Display

Compared to Rostra’s standard BackZone Plus and FrontZone parking assistance systems, the BackZone Pro includes a dashboard/visor mount display with a smaller overall footprint designed to more seamlessly blend into a vehicle’s interior.

### Extended Sensor Leads

17.5” leads on each ultrasonic sensor means it is easier to connect the weather-proof ends of the sensors to the extension harness on any vehicle.

### Flush-Mount Ultrasonic Sensors

Stylish, low-profile, paintable ultrasonic sensors allow you to keep the factory fit and finish of your vehicle while adding an extra dimension of driving safety.

### Full-Color Retail Packaging

Every BackZone Pro system ships with full-color retail packaging. This box design acts as a “silent salesman” in your showroom detailing the myriad features of the BackZone Pro system. Likewise, the box was redesigned with warehouse distributors in mind providing ample blank panel space for multiple UPC label sizes allowing easy storage and quick retrieval from a warehouse.
What Is Included with the BackZone Pro?

- Full-color retail packaging
- Glossy installation/owner’s manual.
- Bumper drilling template.
- Four flush-mount ultrasonic sensors *.
- Four rubber sensor sleeves.
- 8-foot sensors extension harness.
- BackZone Pro control module.
- Dashboard/Visor audio-visual display **.
- Standalone buzzer with 19’ harness ***.
- 21.5 mm hole saw.
- 24.5 mm hole saw.
- Two-wire power/ground harness.
- Cable ties.
- Four 6-degree angled sensor bezels.
- Four 12-degree angled sensor bezels.
- 3M VHB mounting tape for module.
- 3M VHB mounting tape for display.
- Two quick splice connectors.

* Sensors include 17.5” wire leads.

** Options for Off, Visual Display Only, or Visual Display and Audio Output (90 dB).

*** Options for High Audio Output (105 dB) and Low Audio Output (90 dB).
Part number **250-8950** is Rostra’s most advanced in-vehicle video recording system to date and includes a discretely-mountable control module, two high-definition front and rear-facing cameras, GPS antenna for tracking route and speed, interior-mountable microphone for recording in-cab audio, as well as a 16GB micro SD card and USB SD card reader to get you up-and-running right out of the box.

Front 1080p@30FPS HD Camera  
Rear 720p@30FPS HD Camera  
Surface-Mount GPS Antenna  
Audio Recording Through Remote Microphone  
Direct Connection To Wi-Fi Enabled Phone

3-Wire Connectivity For Quick Installation  
Voice Prompt System Messages  
G-Shock And Motion Detection Modes  
Supports Class 10 SD Card Up To 64GB  
9V - 28V Operating Voltage

**View Videos Over Wi-Fi on Your Mobile Device**

With built-in 802.11 b/g/n Wi-Fi capability, you can preview, download, and playback videos recorded by the 250-8950 event recording system and configure various settings from your iOS or Android smartphone through a Wi-Fi direct connection. Please visit [rostra.com/support](http://rostra.com/support) for download links directly to Apple’s App Store and the Google Play Store.

**View Videos with the Windows Desktop Application**

While Wi-Fi connectivity and the ability to access videos recorded to the 250-8950 event record while on the road can be incredibly handy, the Windows-based video viewing program provides access to myriad other data points including information recorded from the control module’s built-in G-shock sensors, driving speed, and vehicle route overlaid onto a Google Map.
Parking Mode

A unique feature of the 250-8950 DVR system is its ability to continue recording video from both front and rear-facing cameras even after the vehicle’s ignition has been shut off. During installation, a connection will be made to a constant input power source allowing the system to continue operating even when the vehicle is parked giving drivers a new sense of security while away from their vehicle.

GPS Recording and Route/Speed Readout

The GPS antenna included with the 250-8950 DVR system allows for real-time recording of a vehicle’s speed and direction which can be overlaid onto a Google Map when using the desktop video viewing program.

Note: Desktop video viewing program only available for Windows-based personal computers.

3-Axis Gravity Sensor

The 250-8950 includes a multi-axis G-shock sensor system designed to automatically tag videos for permanent storage while operating on the road or when stationary in Parking Mode.

Low Power Consumption & Auto-Shutdown

While operating in Parking Mode, the 250-8950 system draws minimal power from the vehicle’s battery (320mA@12V) to record after the ignition is powered off and can be configured with multiple complete shutdown options including voltage-based (battery drops to 11.5V, 11.7V, 11.9V, 12.1V, 12.3V), or time-based (6hr, 12hr, 24hr, 36hr, 48hr).

Discrete Mounting for Module, Cameras, Microphone, and GPS Antenna

TAT File System/Storage Architecture

The TAT file system is a new way of cataloging data on removable storage devices like an SD card and features:

- Video recording down the second power is shut off.
- Extended SD card life with no need to reformat periodically.
- Secure video storage requiring app for viewing.

Looping Video Overwrite

The 250-8950 DVR system record videos until the SD card has reached its capacity. Once this occurs, the system begins to overwrite video from the oldest to the most recent.
ComfortHeat® Carbon-Fiber Seat Heating Systems

Demand is heating up! Experience the gentle, therapeutic warmth of a Rostra ComfortHeat® automotive carbon-fiber seat heating system with dual-zone heating for soothing lower back pain and adding car seat comfort that works with cloth or leather vehicle seats. ComfortHeat® seat heaters have rapid warm-up times that provide warmth in less than a minute. Treat yourself to the ultimate in comfort by installing both the ComfortSeat® Lumbar Support and therapeutic ComfortHeat® universal seat heaters in your car, truck, or SUV today!

Why choose ComfortHeat® seat heaters?
At Rostra, we pride ourselves on real-world product testing and validation in the harshest of environments. Our 80,000 square-foot manufacturing plant in Laurinburg, N.C. includes a battery of equipment that allows us to test every item that we sell against extreme hot and cold temperatures and ingress from dust and particulates that could shorten the life of our products on your vehicle. But we don’t stop there - we submit each of our seat comfort components to outside laboratories for independent testing against the National Highway Traffic Safety Administration’s Federal Motor Vehicle Safety Standards and Regulations Standard No. 302 *

Because our seat comfort items are all FMVSS 302 compliant, we trust in their quality enough to provide an industry-leading 3-year/36,000 mile warranty on each kit sold. The only remaining question: Why wouldn’t you use a ComfortHeat® seat heater or ComfortSeat® lumbar support system from Rostra?

* from www.nhtsa.gov - This standard specifies burn resistance requirements for materials used in the occupant compartments of motor vehicles. Its purpose is to reduce deaths and injuries to motor vehicle occupants caused by vehicle fires, especially those originating in the interior of the vehicle from sources such as matches or cigarettes.
ComfortHeat/ComfortSeat Seat Heaters and Lumbar Support

Part Number: **250-1900**

Seat heating system for one seat. 2-position rocker switch.
Two seat heating elements.

Part Number: **250-1870**

Seat heating system for one seat. 3-position rocker switch.

Part Number: **250-1871**

Seat heating system for one seat. 5-position thumb switch.

Part Number: **250-1872**

Seat heating system for two seats. 5-position thumb switch.

Part Number: **250-1870-TOY**

Seat heating system for one seat. Toyota-specific.
**ComfortSeat® Pneumatic Lumbar Support Systems**

*Cruise in comfort!* With the ComfortSeat® Lumbar Support System, you can set the amount of lower back muscle support you need for your individual comfort while driving. Tucked away inside the driver or passenger seat, the ComfortSeat® System provides the precise amount of extra lumbar support to your lower back, decreasing lumbar strain at your command. With just the touch of a finger, the seat or console-mounted switch activates a pneumatic motor filling the bladder within the seat. Make every drive a comfortable drive.

**Features:**
- Dual-position control switch (inflate/deflate).
- Sound-dampening pouch minimizes pump noise.
- Perfect addition to a leather seat upgrade.
- Includes all hardware for a complete installation.
- Expandable air bladder provides lumbar support.
- Universal wiring for installation in all cars, trucks, and SUVs.
- In-line 5 amp fuse provides short-circuit protection.

**Part Numbers**

250-1453 (Rear Mount)  **250-1454** (Front Mount)  **250-1752** (Rear Mount - Small Seat Apps)
At Rostra Accessories, we are pleased to announce that major upgrades have been made to our Con-Verse Hands-Free Bluetooth® systems that we think your customers will enjoy. Along with these updates, you’ll find a list of new part numbers when viewing the Vehicle Specific Con-Verse Bluetooth® webpage or when using our vehicle search drop-down menu on rostra.com. Read further for details about these updates...

Con-Verse Bluetooth® Module Updates

4-Channel Audio Streaming *

Two additional relays internal to each Con-Verse module means audio streaming is no longer limited to just the front two speakers of the vehicle. Users of Con-Verse systems can now experience high fidelity A2DP audio streaming from all speakers during every phone call, song, or video.

An upgraded Bluetooth® chip provides enhancements to mobile device interactivity including easier access to functions like voice commands, music control, and application launching.

Flat Black Surface-Mount Control Switch (250-7598)

Included with every new Con-Verse Hands-Free Bluetooth® System is our new 250-7598 flat black surface-mount control switch. Designed with ease of installation in mind, the ribbon cable style connector can be routed through a body trim panel crease for installation where drilling a hole is not an option and can be permanently attached using the included 3M double-sided foam pad. As with all other Con-verse Bluetooth® control switches, this new switch incorporates a cool blue backlight.

* 4-channel audio streaming available for vehicles equipped with base model sound systems only.
LED Daytime Running Light & Accent Lighting Systems

260-1024-JEEP
2007-2018 Jeep Wrangler (JK) DRL/Accent Lighting System
Two 5-LED lamps
Two black custom bezels
Fender cut-out templates
All mounting hardware
Weatherproof connectors
4800K color temperature
Developed specifically for the 2014 Toyota Tundra, Rostra’s LED Daytime Running Lights (DRL) are part of the company’s many domestic Port of Entry manufacturing programs and are now available to the aftermarket in a wide range of the most popular OE colors.

**Part Numbers/OE Paint Codes**
- 260-1030-TUNU (Unpainted)
- 260-1030-TUNB (Black Onyx, 202)
- 260-1030-TUNW (Super White, 040)
- 260-1030-TUNG (Magnetic Gray Metallic, 1G3)
- 260-1030-TUNS (Silver Sky Metallic, 1D6)

**2D1 PAR 56 7” LED Headlamp Assembly**

Sold in an attractive clamshell package, constructed from die-cast aluminum and a rugged, abrasion resistant UV-protected lens, Rostra’s **260-2070 7”** sealed lamp provides vehicle owners with a simple way of replacing aging halogen assemblies with state of the art LED technology.

- DOT approved 2D1 Par 56 headlamp.
- Die-cast aluminum body dissipates heat buildup.
- Black powder coated finish resists corrosion.
- Impact-resistant polycarbonate lens.
- Industry-standard H4, 3-pin connector.

**Low Beam Illuminance**

- Built-in high beam and low beam functionality.
- 600 lumen low beam, 1085 lumen high beam.
- One low beam LED. Four high beam LEDs.
- 15W low beam, 27W high beam.
- 9V-32V operating voltage.

**High Beam Illuminance**
Vehicle-Specific Electronic Cruise Control Systems

Drive-by-wire add-on cruise control systems by Rostra are available for many popular vehicle platforms from manufacturers like Toyota, General Motors, Suzuki, Dodge, Mitsubishi and Chrysler. Each cruise control system is designed with ease of installation in mind and typically provides for a completely plug-and-play installation.

What is included with a Rostra cruise control system?

A typical add-on cruise control system by Rostra includes an intelligent electronic control module with a built-in firmware package designed to deliver specific commands to a vehicle’s onboard computer system or accelerator pedal position sensor. When combined with the fashionable control switch, an accelerator pedal interface harness, and primary system power harness, Rostra’s cruise control systems provide a carefree way of maintaining highway driving speeds.

Popular Cruise Control Solutions for 2017

Almost all of our electronic cruise control systems can now be purchased with our latest column-mount, adjustable control switch by adding the suffix “-NS” to a standard cruise control part number providing access to built-in memory locations to access stored speed preferences and/or speed-limiting functionality.

Now Available...

View our complete list of electronic cruise controls at www.rostra.com!
Set your speed with a touch of your finger! Once selected your cruise control constantly measures changes in the engine loading and vehicle speed in order to maintain a constant speed on the highway. Easily set the controls and avoid unintended speeding. Slow down or accelerate, you don’t have to touch the pedal. Use your RF switch and have that same functionality built right into your steering wheel!

250-1223 (Universal)

Set Speed
Coast/Reduce Speed
Resume/ Accel
Tap-Up, 1 MPH per tap
Tap-Down, 1 MPH per tap
Controlled Resume Rate

Modular Design
Wiring Harness with Lock
Redesigned Water Sealing
Self Diagnostics
Smaller Module

Enhanced Adaptability
Works with 3, 4, 5, 6 or 8 Cylinders
Select Square or Sine Wave Speed
Signal Source
Select Acceleration Rate
Select Gain Control
Select M/T or A/T

Easier Installation
No Vacuum Required
VSS Wire Already in Harness
Compatible with Neutral Safety
Compatible with Direct Fire Ignition

GM Control Switch 250-3357

Rostra is pleased to re-introduce this popular General Motors-style control switch with intermittent wiper delay and the ability to control a Rostra cruise control system.

250-3020
Early GM-style lever (1981 and earlier).

250-3026
“Piggy Back” installs on existing lever.

250-3032
“Cut Off” installs over turn signal shaft.

250-3034
“Stubby” non-adjustable universal mount

250-3125
Universal mount with adjustable arm.

250-3304
Universal left-hand mount with On/Off LED.

250-3421
“Slim Arm” universal mount adjustable arm.

250-3446
“Slim Arm” universal with adjustable arm.

250-3742
Universal right-hand mount with On/Off LED.

250-3743
“Cut Off” installs over turn signal shaft.

250-3592
Dash mount switch with engaged LED.

250-3593
Dash mount switch without engaged LED.

250-1483
Universal bottom mount RF with bracket.

Rostra is pleased to re-introduce this popular General Motors-style control switch with intermittent wiper delay and the ability to control a Rostra cruise control system.
Installing any aftermarket 12-volt accessory in a boat, car, truck, RV, tractor, or motorcycle can be a difficult experience. Finding the correct wires can be time-consuming, costly, and can damage critical interior components and electrical systems. If these accessories are left on - accidentally or deliberately - these accessories can drain a battery dead.

SourcePWR Plus eliminates the stress that comes with installation aftermarket accessories such as radios, navigation systems, lighting, trolling motors, radar and communication devices. With two programming modes and three distinct features, SourcePWR Plus will save time and money while maintaining proper battery voltages. With a rugged, water-resistant construction, SourcePWR Plus is small enough to fit in the palm of your hand and once connected it can be discretely hidden away.

**Function 1** - Consists of the basic function of the original SourcePWR. After connecting the +/- inputs, SourcePWR Plus creates ignition power for your accessories with the engine running and turning power off with the engine is off. SourcePWR Plus has an internal LED which illuminates the fuse when power is on and the engine is running allowing for a quick and easy set-up and diagnostics.

**Function 2** - Provides the added benefit of a programmable delay for power-off. Customers can determine how long power is extended to their accessories by choosing up to 90 minutes in program mode. This feature is great for mimicking CAN BUS shut-down time and creating a retained accessory power (RAP) circuit/feature - ideal for vehicles equipped with Start/Stop technology.

**Function 3** - Is “battery saver” mode. Devices will power on with the engine but stay on when the engine turns off. This mode will continue to deliver power to the accessory until the battery voltage reaches 11.5 volts. Customers can enjoy this feature by leaving accessories on such as radios, trolling motors and DVR dash cameras without the worry of completely draining the battery.