OFF-ROAD LED LIGHTING GUIDE

DRIVEN.
TO SEE MORE.

J.W. SPEAKER®
Engineered. Lighting. Solutions.

YOU WANT IT, WE'VE GOT IT

LED Lighting to Outfit Your Entire Rig!

LED HEADLIGHTS

LED TAIL LIGHTS

LED FOG LIGHTS

LED AUXILIARY LIGHTS

ABOUT J.W. SPEAKER

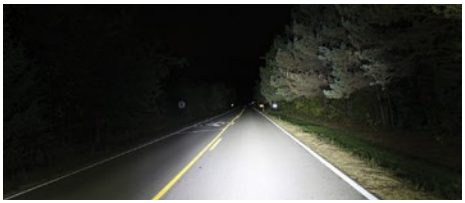
Established in 1935, J.W. Speaker is the world's leading manufacturer of innovative off-road LED lighting products. If you demand superior visibility, extreme durability and unmatched longevity, look no further than J.W. Speaker:

- OEMs such as Harley-Davidson, Polaris, and Chrysler use J.W. Speaker products because our engineered beam patterns are second to none.
- Extensive use in Iraq & Afghanistan are a testament to the military-grade construction and dependability of J.W. Speaker's LED lighting products.
- J.W. Speaker products are built to last. We back up this statement by offering the industry's leading warranty. Period.

LED HEADLIGHTS

Off-Road enthusiasts trust J.W. Speaker's premium performance LED headlights because of their superior visibility, rugged durability, and unique look that comes with every product.

SUPERIOR VISIBILITY



Leading Competitor's Beam Pattern

J.W. Speaker's Beam Pattern

RUGGED DURABILITY

- The same heavy duty construction we use for the U.S. Military
- Solid state electronics withstand shock and vibration
- No breakable bulbs, fragile filaments or sensitive electrodes
- Last 50+ times longer than stock halogen headlights
- Designed, manufactured and assembled in the U.S.A.

UNIQUE LOOK

MODEL 8700 EVOLUTION 2

7" ROUND LED HEADLIGHT

- Market-leading light output
- Beam patterns maximize visibility
- New ComfortLite™ high beams
- Jeeps require Anti-Flicker Harness
  (2007 and newer Jeep Wrangler JKs)

Raw Output: 1,770 (Low)/2,610 (High) Lumens

Effective Output: 750 (Low)/1,150 (High) Lumens

Operating Voltage: 9-32V DC

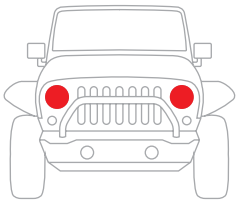
Mating Connector: H4

Standards: DOT-Compliant, Transport Canada Compliant

Plug & Play Replacement for:

- 1955-1983 Jeep CJ-5
- 1981-1985 Jeep CJ-8
- 1997-2006 Jeep Wrangler (TJ)

Mounting Options:



Description	Part #
1 Headlight, Black Bezel	0549701
1 Headlight, Chrome Bezel	0549711
1 H4/H13 Anti-Flicker Harness	8000311

MODEL 8700 EVOLUTION J

7" ROUND LED HEADLIGHT

- 1st Jeep-specific LED Headlight
- No Anti-Flicker Harness required
- Truly a Plug & Play installation
- New ComfortLite™ high beams
- Beam pattern includes "Half Halo"

Raw Output: 1,770 (Low)/2,610 (High) Lumens

Effective Output: 750 (Low)/1,150 (High) Lumens

Operating Voltage: 9-32V DC

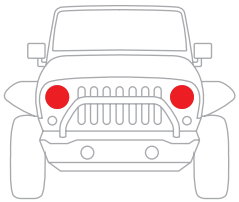
Mating Connector: H13

Standards: DOT-Compliant, Transport Canada Compliant

Plug & Play Replacement for:

- 2007-2015 Jeep Wrangler JK

Mounting Options:



Description	Part #
2 Headlight Kit, Black Bezels	0551131
1 Headlight, Black Bezel	0550771
2 Headlight Kit, Chrome Bezels	0551141
1 Headlight, Chrome Bezel	0550781

MODEL 8900 EVOLUTION

7" x 5" LED HEADLIGHT

- New & improved light output
- Engineered beam patterns
- Choice of black or chrome bezel
- Easy Plug & Play installation

Raw Output: 1,350 (Low)/1,770 (High) Lumens

Effective Output: 650 (Low)/850 (High) Lumens

Operating Voltage: 9-32V DC

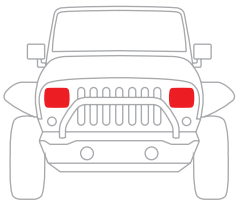
Mating Connector: H4

Standards: DOT-Compliant, Transport Canada Compliant

Plug & Play Replacement for:

Plug & Play replacement for H6054 (7" x 5") headlights in most applications

Mounting Options:



Description	Part #
1 Headlight, Black Bezel	0550111
1 Headlight, Chrome Bezel	0550071

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PETERSEN'S
4WHEEL
& OFF-ROAD
ULTIMATE ADVENTURE
J.W. SPEAKER

LED TAIL LIGHTS

What do you get when you combine cutting-edge technology, innovative styling, and performance-driven design? The answer is a trail-ready LED tail light that makes you look just as good driving to work as it does rock crawling.

"BLACKED OUT" STYLING

INNOVATIVE "LIGHT BLADE" TECHNOLOGY

MODEL 279
J SERIES

6" x 8" LED JEEP TAIL LIGHT

- Designed exclusively for Jeeps!
- Unique Jeep-specific fitment
- The perfect additions to any Jeep!

Functions: Stop (Red), Tail (Red), Reverse (White)

Operating Voltage: 9-32V DC

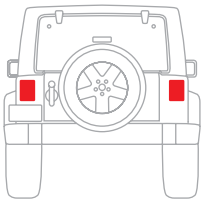
Mating Connector: Yazaki 7282-5553-30

Standards: DOT-Compliant, Transport Canada Compliant

Plug & Play Replacement for:

- 2007-2015 Jeep Wrangler JK

Mounting Options:



Description	Part #
2 Light Kit, Jeep LED Tail Lights	0347531

MODEL 279

6" x 8" LED TAIL LIGHT

- Designed to fit a variety of vehicles
- Retrofits any vehicle that has flat-mounted tail lights
- Functionally identical to our Jeep-specific Model 279 J Series

Functions: Stop (Red), Tail (Red), Reverse (White)

Operating Voltage: 9-32V DC

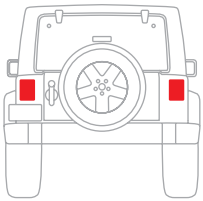
Wiring: 10" bare wires

Standards: DOT-Compliant, Transport Canada Compliant

Retrofit Information:

Retrofits any vehicle that has flat-mounted tail lights

Mounting Options:

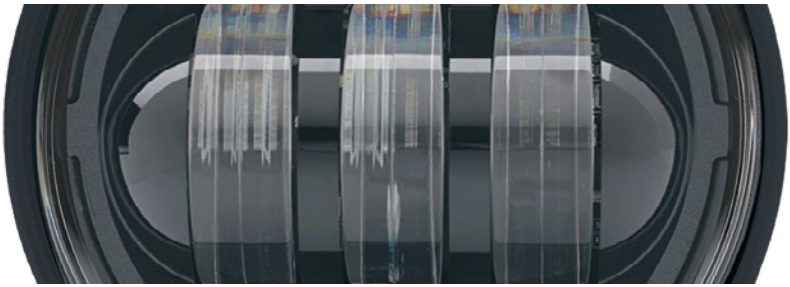


Description	Part #
2 Light Kit, Universal LED Tail Lights	0347551

LED FOG LIGHTS

Proprietary solid optics, heavy duty construction, and high quality LEDs combine to deliver superior visibility, rugged durability and unmatched longevity.

PROPRIETARY SOLID OPTICS



HEAVY DUTY CONSTRUCTION

- Hard-coated, impact-resistant polycarbonate lenses
- Die-cast aluminum housing provides maximum protection
- Long-lasting LEDs provide years of reliable illumination
- Never replace another bulb again!
- Designed, manufactured and assembled in the U.S.A.

HIGH QUALITY LEDs

MODEL 6145

4" ROUND LED FOG LIGHT

- Intended for pre-2013 Jeeps
- Does not address PWM found in 2014 & newer model year Jeeps
- Available in black or chrome bezel
- Designed exclusively for Jeeps!
- Retrofits stock Jeep fog lights

Raw Output: 1,080 Lumens

Effective Output: 610 Lumens

Operating Voltage: 10-15V DC

Mating Connector: Packard (#12059183)

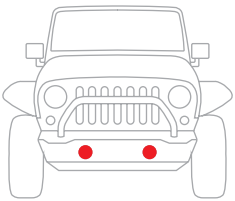
Standards: DOT-Compliant, Transport Canada Compliant

Retrofit Information:

- **Plug & Play:**
  2007-2010 Jeep Wrangler
  2009 Dodge Journey
  2005-2008 Dodge Magnum
  2006-202 PT Cruiser

- **Splicing Required:**
  2011-2015 Jeep Wrangler
  2010-2012 Dodge Journey
  2011-2012 Jeep Grand Cherokee
  2011-2012 Dodge Charger
  2005 Chrysler 300

Mounting Options:



Description	Part #
1 Fog Light, Black Bezel	0547971
1 Fog Light, Chrome Bezel	0547941

MODEL 6145
J SERIES

4" ROUND LED FOG LIGHT

- Integrated technology to address PWM in newer model year Jeeps
- Available in black or chrome bezel
- Designed exclusively for Jeeps!
- Retrofits stock Jeep fog lights

Raw Output: 1,080 Lumens

Effective Output: 610 Lumens

Operating Voltage: 10-15V DC

Mating Connector: Packard (#12059183)

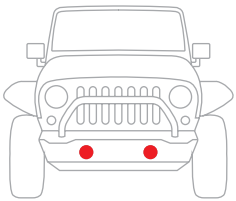
Standards: DOT-Compliant, Transport Canada Compliant

Retrofit Information:

- **Plug & Play:**
  2007-2010 Jeep Wrangler
  2009 Dodge Journey
  2005-2008 Dodge Magnum
  2006-202 PT Cruiser

- **Splicing Required:**
  2011-2015 Jeep Wrangler
  2010-2012 Dodge Journey
  2011-2012 Jeep Grand Cherokee
  2011-2012 Dodge Charger
  2005 Chrysler 300

Mounting Options:



Description	Part #
2 Light Kit, Black Bezels	0550871
2 Light Kit, Chrome Bezels	0550861

MODEL 6150

4" ROUND LED FOG LIGHT

- Does not address PWM found in 2014 & newer model year Jeeps
- Pedestal mount provides flexibility
- Works on a wide range of vehicles
- Available in black or chrome bezel

Raw Output: 1,080 Lumens

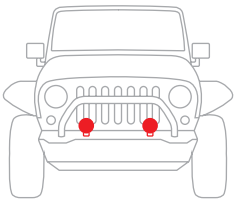
Effective Output: 610 Lumens

Operating Voltage: 10-15V DC

Wiring: 6" bare wires

Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:



- Front Bumper

Description	Part #
1 Fog Light, Black Bezel with Black Housing	0547981
1 Fog Light, Chrome Bezel with Black Housing	0547951
1 Fog Light, Chrome Bezel with Nickel Housing	0548991

MODEL 6150 J SERIES

4" ROUND LED FOG LIGHT

- Integrated technology to address PWM in newer model year Jeeps
- Works on a wide range of vehicles
- Pedestal mount provides flexibility
- Available in black or chrome bezel

Raw Output: 1,080 Lumens

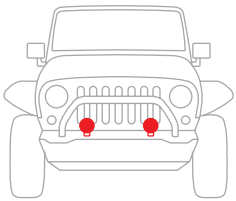
Effective Output: 610 Lumens

Operating Voltage: 10-15V DC

Wiring: 6" bare wires

Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:



- Front Bumper

Description	Part #
2 Light Kit, Black Bezels with Black Housing	0550891
2 Light Kit, Chrome Bezels with Black Housing	0550881
2 Light Kit, Chrome Bezels with Nickel Housing	0550901

MODEL 9049-3M

21" LED FOG LIGHT BAR

- World's 1st street-legal LED light bar
- Superior beam pattern ideal for using on- or off-road
- Huge upgrade from stock fog lights
- Easy installation & mounts onto nearly any bumper!
- Rugged, impact-resistant solid optics

Raw Output: 2,400 Lumens

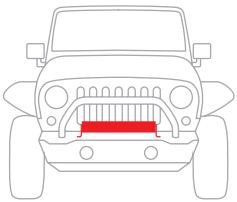
Effective Output: 1,500 Lumens

Operating Voltage: 10-15V DC

Wiring: 37" bare wires

Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:



- Front Bumper

Description	Part #
21" Light Bar, Fog Pattern	0549281

LED AUXILIARY LIGHTS

Experience the power of J.W. Speaker's LED auxiliary lights! Available in a variety of different shapes, sizes and beam patterns, our lineup of trail-ready lighting will provide you with years of premium performance both on and off the road.

AMAZING POWER

CUTTING EDGE DESIGN

TRAIL-READY PERFORMANCE

MODEL 832

4" X 4" LED AUXILIARY LIGHT

- Die-cast housing & impact-resistant lens provide rugged durability
- Super bright LEDs provide maximum visibility & increase safety
- IP69K seal rating to protect against dust & water ingress
- Great for mounting in tight areas (less than 3" depth)

Raw Output: 3,900 Lumens

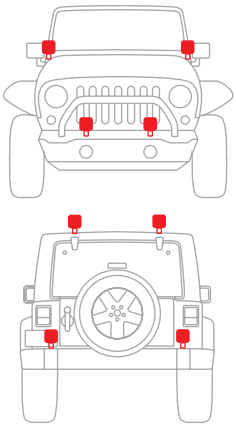
Effective Output: 2,400 Lumens

Operating Voltage: 10-32V DC

Mating Connector: 2-pin Deutsch connector (DT06-2S)

Standards: Sealed to IP69K

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

Description	Part #
1 Light, Flood Beam	1300181
1 Light, Spot Beam	1300161
1 Light, Trapezoid Beam	1300171

MODEL 840 XD

4" X 4" LED AUXILIARY LIGHT

- Thermally-conduction housing maximizes performance of LEDs
- Extremely compact & lightweight
- Corrosion- and impact-resistant
- IP69K seal rating to protect against dust & water ingress

Raw Output: 1,080 Lumens

Effective Output: 780 Lumens

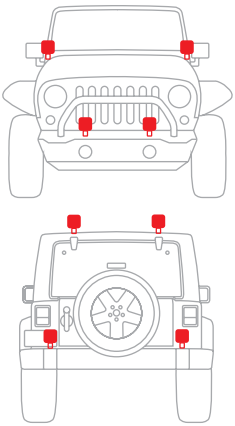
Operating Voltage: 10-30V DC

Mating Connector: 2-pin Deutsch connector (DT06-2S)

Standards: Sealed to IP69K

Check out the XD Series Torture Test video where we put the Model 840 XD through a gauntlet of extreme abuse. Scan the QR code below or visit our YouTube channel (JWSpeakerCorporation) to see the tests for yourself!

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

Description	Part #
1 Light, Flood Beam	1300001
1 Light, Spot Beam	1300021
1 Light, Trapezoid Beam	1300011

MODEL TS3001R

6" ROUND LED AUXILIARY LIGHT

- Sleek new optical design
- More compact & lightweight than previous generation of TS3000s
- Increased light output provides premium performance
- New mounting simplifies installation & provides greater flexibility

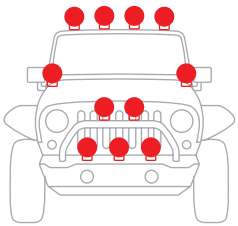
Max Candela: 61,700 (Driving)/96,000 (Pencil)

Operating Voltage: 9-32V DC

Mating Connector: 2-pin Deutsch connector (DT06-2S)

Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop

Description	Part #
2 Light Kit, DOT-Compliant Driving Beams	0550443
1 Light, DOT-Compliant Driving Beam	0550441
2 Light Kit, Pencil Beams	0550483
1 Light, Pencil Beam	0550481

MODEL TS3001V

7" X 5" OVAL LED AUXILIARY LIGHT

- Identical in performance to the TS3001R, with an oval shape
- More compact & lightweight compared to previous generation
- Improved design with simplified installation & more flexible mounting

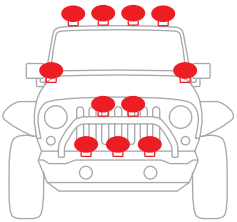
Max Candela: 61,700 (Driving)/96,000 (Pencil)

Operating Voltage: 9-32V DC

Mating Connector: 2-pin Deutsch connector (DT06-2S)

Standards: DOT-Compliant, Transport Canada Compliant

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop

Description	Part #
2 Light Kit, DOT-Compliant Driving Beams	0550673
1 Light, DOT-Compliant Driving Beam	0550671
2 Light Kit, Pencil Beams	0550713
1 Light, Pencil Beam	0550711

MODEL TS4000

7" ROUND LED AUXILIARY LIGHT

- Super bright LEDs provide maximum visibility
- Slim profile for versatile mounting
- Die-cast housing & impact-resistant lens provide rugged durability
- Built to withstand the rigors of off-roading

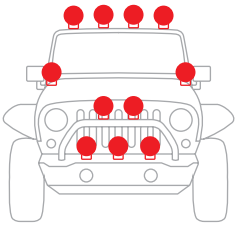
Max Candela: 133,000

Operating Voltage: 9-32V DC

Mating Connector: 2-pin Deutsch connector (DT06-2S)

Standards: Sealed to IP67

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop

Description	Part #
2 Light Kit, Driving Beams with Black Bezel	0551693
2 Light Kit, Driving Beams with Chrome Bezel	0551603
1 Auxiliary Light, Driving Beam	0551121

MODEL 4415

3" ROUND LED AUXILIARY LIGHT

- BIG light output, small form factor
- Built to withstand the rigors of off-roading
- Cutting-edge optical design delivers superior light output
- Perfect for rig setups where space constraints are a concern

Raw Output: 2,450 Lumens

Effective Output: 1,350 Lumens

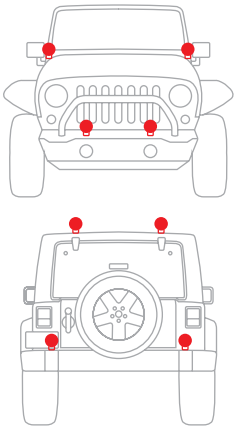
Operating Voltage: 10-32V DC

Mating Connector: Packard (#12059183)

Standards: Sealed to IP67

Model 4415 Beam Pattern

Mounting Options:



- A-Pillar
- Front Bumper
- Rooftop
- Rear Bumper

Description	Part #
1 Light, Trapezoid Beam Pattern	0549841
1 Light, Spot Beam Pattern	0551001