



## Vehicle Information

**Date:** December 20, 2019  
**Vehicle:** 2016 Kia Optima Sedan 4D EX 2.4L I4 Hybrid  
**VIN:** KNAGN4AD9G5094401  
**Weight:** 3,622



## New Cars/Trucks Values

### Powered by Chrome Data

	Base	Options	Destination	Adjusted Value
Base MSRP	\$32,195	\$3,255	\$850	<b>\$36,300</b>

### NADA New Vehicle Values

Low	N/A	N/A	N/A	<b>N/A</b>
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## Optional Equipment

	Invoice	MSRP
TECHNOLOGY PACKAGE	\$2212.00	\$2380.00
-inc: Blind Spot Detection w/Rear Cross-Traffic Alert, Panoramic Sunroof w/Gloss Black B-Pillar, Back-Up Warning System Code: TK1		
WHITE INTERIOR PACKAGE	\$370.00	\$400.00
-inc: white seat trim w/piping, White Leather Seat Trim, constrast piping, High Gloss Black Interior Accents, black high gloss console upper cover and power window switch panel Code: WPK		
STANDARD PAINT	\$0.00	\$0.00
Code: -PAINT		
CARGO TRAY	\$67.00	\$80.00
(PIO) Code: CT		
SNOW WHITE PEARL	\$362.00	\$395.00
Code: SWP		
BLACK, LEATHER SEAT TRIM	\$0.00	\$0.00
Code: VA		

## Standard Equipment

### ENTERTAINMENT

- 2 LCD Monitors In The Front
- 8 Infinity Speakers
- Digital Signal Processor
- Radio w/Seek-Scan, Clock, Speed Compensated Volume Control, Steering Wheel Controls, Voice Activation and Internal Memory
- Radio: Infinity AM/FM/CD/MP3 Audio System w/NAV-inc: 8 speakers, 8" monitor, TMU, Sirius Traffic, Sirius satellite radio, USB/auxiliary input jacks and Bluetooth connectivity, Voice-Command Navigation w/SiriusXM Traffic, back-up camera, Infinity Premium Sound System w/8 Speakers, 8 speakers w/subwoofer, external amplifier and UVO eServices
- Regular Amplifier
- Siriusxm Traffic Real-Time Traffic Display
- Window Grid Diversity Antenna

### EXTERIOR

- Black Grille w/Chrome Surround
- Body-Colored Front Bumper w/Metal-Look Bumper Insert
- Body-Colored Power Heated Side Mirrors w/Power Folding and Turn Signal Indicator
- Body-Colored Rear Bumper
- Chrome Door Handles



- Chrome Side Windows Trim and Chrome Rear Window Trim
- Clearcoat Paint
- Fixed Rear Window w/Defroster
- Front Fog Lamps
- Front Windshield -inc: Sun Visor Strip
- Fully Automatic Projector Beam High Intensity Low Beam Auto-Leveling Headlamps w/Delay-Off
- Fully Galvanized Steel Panels
- Laminated Glass
- LED Brakelights
- Light Tinted Glass
- Metal-Look Bodyside Insert
- Perimeter/Approach Lights
- Spare Tire Mobility Kit
- Tires: P215/55R17
- Trunk Rear Cargo Access
- Variable Intermittent Wipers
- Wheels: 17" Alloy

## INTERIOR

- 1 Seatback Storage Pocket
- 2 12V DC Power Outlets
- Air Filtration
- Bench Front Facing Heated Rear Seat
- Bucket Front Seats
- Cargo Features -inc: Spare Tire Mobility Kit
- Cargo Space Lights
- Carpet Floor Trim and Carpet Trunk Lid/Rear Cargo Door Trim
- Cruise Control w/Steering Wheel Controls
- Day-Night Auto-Dimming Rearview Mirror
- Delayed Accessory Power
- Digital/Analog Display
- Driver And Passenger Visor Vanity Mirrors w/Driver And Passenger Illumination
- Driver Foot Rest
- Driver Seat
- Dual Zone Front Automatic Air Conditioning
- Engine Immobilizer
- Fade-To-Off Interior Lighting
- FOB Controls -inc: Trunk/Hatch/Tailgate
- Front And Rear Map Lights
- Front Center Armrest and Rear Center Armrest w/Pass-Thru
- Front Cupholder
- Full Carpet Floor Covering -inc: Carpet Front And Rear Floor Mats
- Full Cloth Headliner
- Full Floor Console w/Covered Storage, Mini Overhead Console w/Storage and 2 12V DC Power Outlets
- Gauges -inc: Speedometer, Odometer, Engine Coolant Temp, Tachometer, Traction Battery Level, Power/Regen, Trip Odometer and Trip Computer
- Heated & Ventilated Front Seats -inc: 10-way power adjustable driver's seat w/power lumbar support, driver seat memory and 4-way power front passenger seat
- Heated Leather Steering Wheel
- HVAC -inc: Underseat Ducts and Console Ducts
- Illuminated Glove Box
- Interior Trim -inc: Leatherette Instrument Panel Insert, Metal-Look Door Panel Insert and Chrome/Metal-Look Interior Accents
- Leather Gear Shift Knob
- Leather Seat Trim
- Leatherette Door Trim Insert
- Manual Tilt/Telescoping Steering Column
- Manual w/Tilt Front Head Restraints and Manual Adjustable Rear Head Restraints
- Memory Settings Include
- Outside Temp Gauge
- Passenger Seat
- Perimeter Alarm
- Power 1st Row Windows w/Driver And Passenger 1-Touch Up/Down
- Power Door Locks w/Autolock Feature
- Power Rear Windows
- Proximity Key For Doors And Push Button Start
- Rear Cupholder
- Refrigerated/Cooled Box Located In The Glovebox, Driver / Passenger And Rear Door Bins
- Remote Keyless Entry w/Integrated Key Transmitter, Illuminated Entry, Illuminated Ignition Switch and Panic Button
- Remote Releases -inc: Power Cargo Access and Power Fuel
- Smart Device Integration
- Trip Computer

## MECHANICAL

- 17.2 Gal. Fuel Tank
- 3.32 Axle Ratio
- 54-Amp/Hr Maintenance-Free Battery w/Run Down Protection
- Electric Power-Assist Speed-Sensing Steering
- Engine Auto Stop-Start Feature



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- Engine: 2.4L DOHC I4 HEV MPI-inc: CVVT
- Front And Rear Anti-Roll Bars
- Front-Wheel Drive
- Gas-Pressurized Shock Absorbers
- Hybrid Electric Motor
- Lithium Polymer Traction Battery
- Multi-Link Rear Suspension w/Coil Springs
- Regenerative 4-Wheel Disc Brakes w/4-Wheel ABS, Front Vented Discs, Brake Assist, Hill Hold Control and Electric Parking Brake
- Single Stainless Steel Exhaust
- Strut Front Suspension w/Coil Springs
- Transmission w/Driver Selectable Mode
- Transmission: 6-Speed Automatic w/Sportmatic

## SAFETY

- ABS And Driveline Traction Control
- Airbag Occupancy Sensor
- Back-Up Camera
- Curtain 1st And 2nd Row Airbags
- Dual Stage Driver And Passenger Front Airbags
- Dual Stage Driver And Passenger Seat-Mounted Side Airbags
- Electronic Stability Control (ESC)
- Outboard Front Lap And Shoulder Safety Belts-inc: Rear Center 3 Point, Height Adjusters and Pretensioners
- Rear Child Safety Locks
- Side Impact Beams
- Tire Specific Low Tire Pressure Warning

## Technical Specifications

### Brakes

- Brake ABS System (Second Line) N/A
- Brake ABS System 4-Wheel
- Brake Type 4-Wheel Disc
- Disc - Front (Yes or ) Yes
- Disc - Rear (Yes or ) Yes
- Drum - Rear (Yes or )
- Front Brake Rotor Diam x Thickness 11.8in
- Rear Brake Rotor Diam x Thickness 11.2in
- Rear Drum Diam x Width in

### Cargo Area Dimensions

- Trunk Volume 10.8ft<sup>3</sup>

### Cooling System

- Total Cooling System Capacity N/Aqts

### Electrical

- Cold Cranking Amps @ 0Â° F (Primary) N/A
- Maximum Alternator Capacity (amps) N/A

### Emissions

- EPA Greenhouse Gas Score N/A
- Tons/yr of CO<sub>2</sub> Emissions @ 15K mi/year 4.9

### Engine

- Displacement 2.4 L/144
- Engine Order Code
- Engine Type Gas/Electric I4
- Fuel System MPI
- SAE Net Horsepower @ RPM 199 @ 5500
- SAE Net Torque @ RPM 235 @ 1000

### Exterior Dimensions

- Height, Overall 57.1in
- Length, Overall 190.7in



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- Lifter Height N/Ain
- Min Ground Clearance 5.1in
- Track Width, Front 62.8in
- Track Width, Rear 62.8in
- Wheelbase 110in
- Width, Max w/o mirrors 72in

## Fuel Tank

- Aux Fuel Tank Capacity, Approx N/Agal
- Fuel Tank Capacity, Approx 17.2gal

## Interior Dimensions

- Front Head Room 40in
- Front Hip Room 54.7in
- Front Leg Room 45.5in
- Front Shoulder Room 57.3in
- Passenger Capacity 5
- Passenger Volume 102.2ft<sup>3</sup>
- Second Head Room 37.6in
- Second Hip Room 54.5in
- Second Leg Room 34.7in
- Second Shoulder Room 55.7in

## Mileage

- Battery Range N/Ami
- Cruising Range - City 602.00mi
- Cruising Range - Hwy 670.80mi
- EPA Fuel Economy Est - City 35MPG
- EPA Fuel Economy Est - Hwy 39MPG
- EPA MPG Equivalent - City N/A
- EPA MPG Equivalent - Combined N/A
- EPA MPG Equivalent - Hwy N/A
- Fuel Economy Est-Combined 37MPG

## Steering

- Lock to Lock Turns (Steering) N/A
- Steering Ratio (:1), Overall N/A
- Steering Type Rack-Pinion
- Turning Diameter - Curb to Curb 35.8ft
- Turning Diameter - Wall to Wall N/Aft

## Suspension

- Shock Absorber Diameter - Front N/Amm
- Shock Absorber Diameter - Rear N/Amm
- Stabilizer Bar Diameter - Front N/Ain
- Stabilizer Bar Diameter - Rear N/Ain
- Suspension Type - Front (Cont.) Strut
- Suspension Type - Front Strut
- Suspension Type - Rear (Cont.) Multi-Link
- Suspension Type - Rear Multi-Link

## Tires

- Front Tire Order Code
- Front Tire Size P215/55VR17
- Rear Tire Order Code
- Rear Tire Size P215/55VR17
- Spare Tire Order Code
- Spare Tire Size

## Trailer

- Dead Weight Hitch - Max Tongue Wt. N/Albs
- Dead Weight Hitch - Max Trailer Wt. N/Albs
- Wt Distributing Hitch - Max Tongue Wt. N/Albs
- Wt Distributing Hitch - Max Trailer Wt. N/Albs

## Transmission



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12/20/2019

NADA New Cars/Trucks

- Clutch Size N/Ain
- Drivetrain Front Wheel Drive
- Fifth Gear Ratio (:1) 1.00
- Final Drive Axle Ratio (:1) 3.32
- First Gear Ratio (:1) 4.21
- Fourth Gear Ratio (:1) 1.39
- Reverse Ratio (:1) 3.38
- Second Gear Ratio (:1) 2.64
- Sixth Gear Ratio (:1) 0.77
- Third Gear Ratio (:1) 1.80
- Trans Description Cont. Again
- Trans Description Cont. Automatic w/OD
- Trans Order Code
- Trans Type 6

## Vehicle

- EPA Classification Mid-Size Cars

## Weight Information

- Base Curb Weight 3622lbs

## Wheels

- Front Wheel Material Aluminum
- Front Wheel Size 17 X 6.5in
- Rear Wheel Material Aluminum
- Rear Wheel Size 17 X 6.5in
- Spare Wheel Material
- Spare Wheel Size in