

Buildings and General Services
Office of Purchasing & Contracting
109 State St
Montpelier VT 05609-3001
USA

Contract ID 00000000000000000000000039307		Page 2 of 9
Contract Dates 12/31/2019 to 10/31/2023		Origin CPS
Description: CPS MY AUTO Nissan, Kia, Hyund		Contract Maximum \$17,000,000.00
Buyer Name William A Vivian Jr.	Buyer Phone 828-4681	Contract Status Approved

Line #	Item ID	Item Desc	UOM	Unit Price	Max Qty	Max Amt
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Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

State of Vermont

Buildings and General Services
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CONTRACT



Supplier 0000381466
US Fleet Source
979 S. Village Oaks Dr
Covina CA 91724
USA

Contract ID 0000000000000000000039307		Page 3 of 9
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7		MFR: Nissan Model: Rogue S AWD Model Number: 22010 Model Year: 2020 Markup on Invoice option: Markup is 5% Above Invoice Price Markup on invoice trim upgrade: Markup	EA	21,867.00000	0.00	0.00
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Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

8		MFR: Nissan Model: Pathfinder S 2WD Model Number: 25110 Model Year: 2020 Markup on Invoice option: Markup is 5% Above Invoice Price Markup on invoice trim upgrade: Markup	EA	24,932.00000	0.00	0.00
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Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

9		MFR: Nissan Model: Pathfinder S AWD Model Number: 25010 Model Year: 2020 Markup on Invoice option: Markup is 5% Above Invoice Price Markup on invoice trim upgrade: Markup	EA	26,443.00000	0.00	0.00
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Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

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Warranty:
Basic Coverage: 36 months
Basic Miles/km: 36,000 miles
Drive train Years: 5
Drive train Miles: 60,000
Corrosion Coverage: 60 months
Corrosion Miles/km: Unlimited

Warranty:
New Vehicle Limited Warranty: 5 Years/60,000 miles
Powertrain Limited Warranty: 10 Year/100,000 miles
Ant-perforation Warranty: 7 year/Unlimited miles

Warranty:
New Vehicle Limited Warranty: 5 Years/60,000 miles
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Ant-perforation Warranty: 7 year/Unlimited miles

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Phone #:

Line #	Item ID	Item Desc	UOM	Unit Price	Max Qty	Max Amt
16		MFR: Hyundai Model: Kona SE AWD Model Number: Q0402A45 Model Year: 2020 Markup on invoice options: Markup is 5% Above Invoice Price Markup on invoice for trim upgrade:	EA	19,377.00000	0.00	0.00
		Warranty: New Vehicle Limited Warranty: 5 Years/60,000 miles Powertrain Limited Warranty: 10 Year/100,000 miles Ant-perforation Warranty: 7 year/Unlimited miles				
17		MFR: Hyundai Model: Tucson SE FWD Model Number: 844J2F4S Model Year: 2020 Markup on invoice options: Markup is 5% Above Invoice Price Markup on invoice for trim upgrade:	EA	20,241.00000	0.00	0.00
		Warranty: New Vehicle Limited Warranty: 5 Years/60,000 miles Powertrain Limited Warranty: 10 Year/100,000 miles Ant-perforation Warranty: 7 year/Unlimited miles				
18		MFR: Hyundai Model: Tucson SE AWD Model Number: 844J2A45 Model Year: 2020 Markup on invoice options: Markup is 5% Above Invoice Price Markup on invoice for trim upgrade:	EA	21,207.00000	0.00	0.00
		Warranty: New Vehicle Limited Warranty: 5 Years/60,000 miles Powertrain Limited Warranty: 10 Year/100,000 miles Ant-perforation Warranty: 7 year/Unlimited miles				

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19		MFR: Hyundai Model: Santa Fe SE FWD Model Number: 64412F45 Model Year: 2020 Markup on invoice options: Markup is 5% Above Invoice Price Markup on invoice for trim upgrade:	EA	22,752.00000	0.00	0.00
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Warranty:

New Vehicle Limited Warranty: 5 Years/60,000 miles

Powertrain Limited Warranty: 10 Year/100,000 miles

Ant-perforation Warranty: 7 year/Unlimited miles

20		MFR: Hyundai Model: Santa Fe SE AWD Model Number: 64412A45 Model Year: 2020 Markup on invoice options: Markup is 5% Above Invoice Price Markup on invoice for trim upgrade:	EA	23,990.00000	0.00	0.00
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Warranty:

New Vehicle Limited Warranty: 5 Years/60,000 miles

Powertrain Limited Warranty: 10 Year/100,000 miles

Ant-perforation Warranty: 7 year/Unlimited miles

21		MFR: KIA Model: Sedona L Model Number: 64212 Model Year: 2020 Markup on Invoice option: 5% Markup on invoice for trim upgrade: 5%	EA	22,375.00000	0.00	0.00
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Warranty:

Basic Coverage: 36 months

Basic Miles/km: 36,000 miles

Drive train Years: 5

Drive train Miles: 60,000

Corrosion Coverage: 60 months

Corrosion Miles/km: Unlimited

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22		Off the lot/Multi-year vehicles other than Model Year.	EA	0.01000	0.00	0.00

Multi-year and off-the-lot purchasing option:

When the State or an Additional Purchaser wishes to buy a vehicle or vehicles other than ones that are specifically listed on this contract, which might be an 'off-the-lot' purchase and/ or vehicle(s) of a different model year, or model, than covered in this contract, the process will proceed as identified in Attachment A, section 7.

1. Parties. This is a contract for services between the State of Vermont, Department of Purchasing and Contracting (hereinafter called "State"), and US Fleet Source, with a principal place of business in Covina CA, (hereinafter called "Contractor"). Contractor's form of business organization is corporation. It is Contractor's responsibility to contact the Vermont Department of Taxes to determine if, by law, Contractor is required to have a Vermont Department of Taxes Business Account Number.

2. Subject Matter. The subject matter of this contract is commodities generally on the subject of Hyundai Model Year Vehicles. Detailed requirements to be provided by Contractor are described in Attachment A.

3. Maximum Amount. In consideration of the commodities to be provided by Contractor, the State agrees to pay Contractor, in accordance with the payment provisions specified in Attachment B, a sum not to exceed \$17,000,000.00.

4. Contract Term. The period of contractor's performance shall begin on December 31, 2019 and end on October 31, 2023 with the option to renew for up to two additional 12-month periods.

5. Prior Approvals. This Contract shall not be binding unless and until all requisite prior approvals have been obtained in accordance with current State law, bulletins, and interpretations.

6. Amendment. No changes, modifications, or amendments in the terms and conditions of this contract shall be effective unless reduced to writing, numbered and signed by the duly authorized representative of the State and Contractor.

7. Termination for Convenience. This contract may be terminated by the State at any time by giving written notice at least thirty (30) days in advance. In such event, Contractor shall be paid under the terms of this contract for all services provided to and accepted by the State prior to the effective date of termination.

8. Attachments. This contract consists of 6 pages including the following attachments which are incorporated herein:

Attachment A - Statement of Work

Attachment B - Payment Provisions

Attachment C - "Standard State Provisions for Contracts and Grants" a preprinted form (revision date 12/15/2017)

Attachment D - Vehicle Specifications

9. Order of Precedence. Any ambiguity, conflict or inconsistency between the documents comprising this contract shall be resolved according to the following order of precedence:

- (1) Standard Contract
- (2) Attachment C (Standard Contract Provisions for Contracts and Grants)
- (3) Attachment A
- (4) Attachment D
- (5) Attachment B

Vendor Contact Information

Name: Lisa Molino

Phone: (626) 344-4285

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Phone #:

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Email: lisa@USFleetSource.com

State Contract Information:

Name: Bill Vivian

Phone: 802.828.4681

Email: bill.vivian@vermont.gov

WE THE UNDERSIGNED PARTIES AGREE TO BE BOUND BY THIS CONTRACT

By the STATE of VERMONT

By the CONTRACTOR

Date: _____

Date: _____

Signature: _____

Signature: _____

Name: Christopher Cole

Name: _____

Commissioner

Title: _____

Title: _____

Email: Buildings & General Services

Email: _____

ATTACHMENT A – STATEMENT OF WORK

The Contractor shall provide:

1. Line Items 1 through 22 as identified on Pages 1 through 8.
2. **WARRANTY:** Unless otherwise indicated, Warranties must be based on fleet and commercial use and shall extend for a minimum term of (36) thirty-six months / 36,000 miles from the date a vehicle is available for use by the purchaser.
3. **REPORTING REQUIREMENTS:** Contractor will be required to submit quarterly product sales report to the Purchasing Agent pursuant to the schedule below detailing the purchasing of all items under this Contractor. Contractor's reporting shall state "no activity" for any month in which there is no activity during a quarterly reporting period.
 - a. The reports shall be an excel spreadsheet transmitted electronically to the Purchasing Agent.
 - b. Reports are due for each quarter as follows:

Reporting Period	Report Due
January 1 to March 31	April 30
April 1 to June 30	July 31
July 1 to September 30	October 31
October 1 to December 31	January 31

- c. Failure to meet these reporting requirements may result in suspension or termination of this contract.
 - d. Notwithstanding the fact that any payment obligation for sales by contractor to any political subdivision or college, pursuant to "Purchasing Entities," below, shall be solely between the political subdivision or college and the contractor, the contractor must include, in reporting to State, the figures on quantities sold by contractor to, and amounts paid to contractor by, any such political subdivisions or independent colleges.
4. **DELIVERY LOCATIONS:** Responsibility for product delivery remains with Contractor until the product is properly delivered and signed for. Contractor shall securely and properly pack all shipments in accordance with accepted commercial practices. Upon delivery, all packaging and containers shall become the property of the State, unless otherwise stated. Delivered goods that do not conform to the specifications or are not in good condition upon receipt shall be replaced promptly by the Contractor. All State-owned vehicles must be delivered to one of three locations:
 - a. Fleet Management Services – 7 Green Mountain Drive, Montpelier, Vermont 05620-4502 – for all non-Public Safety and VTrans purchases.
 - b. Department Public Safety – 394 Hegeman Avenue, Colchester Vermont 05446 – for all Public Safety Vehicles.
 - c. Agency of Transportation – 1756 US Route 302, Berlin Vermont 05633 – for all VTrans Vehicles.

5. DELIVERY STANDARDS

5.1 ALL VEHICLES MUST MEET THE FOLLOWING CONDITIONS:

- a. Conform and be equipped to meet the requirements of the Vermont Department of Motor Vehicles.
- b. Meet California emissions standards
- c. Include manufacturers standard quantity of keys and fobs that normally are included with the vehicle.
- d. All necessary paperwork required to register vehicle.
- e. Be eligible to be registered in Vermont.
- f. Vendor is to provide order acknowledgement to “invoice to” address or an address determined by the ordering parties.
- g. Pricing for XM Satellite radio should be deducted from the bid price.
- h. OnStar (if standard with vehicle) may be included.
- i. All vehicles offered must be new; shall not be used, rebuilt, refurbished and shall not have been demonstration vehicles. Initial delivery of the vehicles shall not exceed 200 miles on the odometer without prior approval from the ordering entity.
- j. All products provided by the Contractor must meet all federal, state, and local standards for quality and safety requirements.
- k. All vehicle components, brake linings, clutch disks, etc. will be manufactured with asbestos free material.
- l. All equipment normally advertised as standard is to be included on the vehicles ordered unless superseded by the detailed specification.
- m. Vendor shall install a license plate bracket to the front of any purchased vehicle, so long as the option for a bracket exists.
- n. **Be completely serviced by vendor including:**
 - i. Steering geometry.
 - ii. Balancing of all wheels and tires.

5.2 Products not meeting the requirements of this section will be deemed unacceptable and returned to the Contractor for credit at no charge to the State.

6. **TITLES:** All titles shall be written to the requesting department. All State-owned vehicles shall indicate the first lien holder as the State of Vermont, Buildings and General Services, 7 Green Mountain Drive, Montpelier, VT 05620-4502.
7. **MULTI-YEAR AND OFF THE LOT PURCHASING OPTIONS:** The State or Additional Purchaser will provide Contractor, in writing (email or other), with a clear and concise description of the required type(s) and model(s), and quantity of vehicles, along with any specifically required equipment or options. Contractor shall reply promptly in writing with their actual availability (and, if not immediately available off-the-lot, then a reliable delivery date) and proposed pricing. Prices for multi-year sales of vehicles of model year(s) different than those than this contract should reflect pricing structures and discounts comparable to those listed in this contract. Prices for off-the-lot sales should generally reflect pricing structures and discounts comparable to those listed in this contract, unless it can be demonstrated that fleet incentives were a component of pricing within this contract and that such fleet incentives are completely unavailable for off-the-lot sales. Sale of limited-inventory and/ or limited-availability vehicles not specifically listed on this contract is at contractor discretion. Contractor may opt to, but is not obligated to, extend multi-year and/or off-the-lot transactions to include vehicles that contractor could obtain from inventory already on-site at a different dealer. If the State or Additional Purchaser wants to proceed with the purchase at the price quoted by contractor, the State or

Additional Purchaser will confirm that in writing to contractor. Further negotiations are permissible, on condition that final price is mutually agreed to in writing prior to purchase.

8. **FUTURE YEARS' PRICING AND/OR ALTERNATIVE MODEL OFFERINGS:** All pricing must remain in effect for the entire model year production. Contractors may submit pricing for the next model year vehicles as they become available. Pricing must be based on a manufacturer's percentage increase or decrease, and the contract cannot incorporate additional pricing over and above the manufacturers. A letter from the manufacturer indicating the percentage increase or decrease must accompany the request by the contractor. If a manufacturer announces that it will be discontinuing production of a model of vehicle that is a subject of this contract, Contractor must notify the State at Contractor's earliest opportunity of the expected date of discontinuation of production, and any information that is available about opportunities to order or purchase prior to actual discontinuation. If, regardless of whether any model is discontinued, a manufacturer introduces an entirely new, distinct model that is not already a subject of this contract but that occupies a similar functional profile to a vehicle that is already a subject of this contract, Contractor should inform the State of the expected availability date, vehicle characteristics, and pricing information for the new model, and State may, in State's sole discretion, opt to add the different new model to this contract. Contractors are to indicate for each vehicle on the contract their percentage off MSRP for optional equipment, percentage off MSRP aftermarket options and labor rate to install any and all aftermarket options. No other pricing structure will be allowed. Failure to adhere to this requirement may be cause for cancellation.
9. **DEFAULT:** In case of default of the Contractor, the State may procure the materials or supplies from other sources and hold the Contractor responsible for any excess cost occasioned thereby, provided, that if public necessity requires the use of materials or supplies not conforming to the specifications they may be accepted and payment therefore shall be made at a proper reduction in price.
10. **Primary Contacts.** The Parties will keep and maintain current at all times a primary point of contact for this contract. The primary contacts for this this Contract are as follows:
 - e. **For the Contractor:**

Vendor Contact Information Name:

Name: Lisa Molino

Phone: (626) 344-4285

Email: lisa@USFleetSource.com

f. ***For the State:***

Name: State of Vermont, Bill Vivian
Address: 109 State Street, Montpelier, VT 05633-3001
Phone: 802/828-4681
Fax: 802/828-2222
Email: Bill.Vivian@Vermont.gov

11. **Purchasing Entities:** This contract may be used by (a) all departments, offices, institutions, and other agencies of the State of Vermont and counties (each a “State Purchaser”) according to the process for ordering and other restrictions applicable to State Purchasers set forth herein; and (b) political subdivisions of the State of Vermont and any institution of higher education chartered in Vermont and accredited or holding a certificate of approval from the State Board of Education as authorized under 29 V.S.A. § 902 (each an “Additional Purchaser”). Issues concerning interpretation and eligibility for participation are solely within the authority of the State of Vermont Chief Procurement Officer. The State of Vermont and its officers and employees shall have no responsibility or liability for Additional Purchasers. Each Additional Purchaser is to make its own determination whether this Participating Addendum and the Master Agreement are consistent with its procurement policies and regulations.

ATTACHMENT B – PAYMENT PROVISIONS

The maximum dollar amount payable under this contract is not intended as any form of a guaranteed amount. The Contractor will be paid for products actually delivered or performed, as specified in Attachment A, up to the maximum allowable amount specified on page 1 of this contract.

1. Prior to commencement of work and release of any payments, Contractor shall submit to the State:
 - a. a certificate of insurance consistent with the requirements set forth in Attachment C, Section 8 (Insurance), and with any additional requirements for insurance as may be set forth elsewhere in this contract; and
2. Payment terms are **Net 30** days from the date the State receives an error-free invoice with all necessary and complete supporting documentation.
3. All invoices are to be rendered by the Contractor on the vendor's standard billhead and forwarded directly to the institution or agency ordering materials and shall specify the address to which payments will be sent. Percentage discounts may be offered for prompt payments of invoices; however, such discounts must be in effect for a period of 30 days or more in order to be considered in making awards.
4. **PRICING:** Contractor shall provide all products F.O.B. delivery to the ordering facility at no additional cost to the State. No request for extra delivery cost will be honored. All equipment shall be delivered assembled, serviced, and ready for immediate use, unless otherwise requested by the State. No charge for packing, shipping, or for any other purpose will be allowed over and above the price quoted.
5. Contractor shall submit invoice(s) to the State ordering entity in accordance with pages 1 through 9.
6. Following complete delivery of the items, each as specified in Attachment A, and the State's written confirmation to the Contractor of the State's acceptance of those items, Contractor will, within 30 business days, invoice the State in accordance with the rates specified in Attachment A.

**ATTACHMENT C: STANDARD STATE PROVISIONS
FOR CONTRACTS AND GRANTS
REVISED DECEMBER 15, 2017**

1. Definitions: For purposes of this Attachment, “Party” shall mean the Contractor, Grantee or Subrecipient, with whom the State of Vermont is executing this Agreement and consistent with the form of the Agreement. “Agreement” shall mean the specific contract or grant to which this form is attached.

2. Entire Agreement: This Agreement, whether in the form of a contract, State-funded grant, or Federally-funded grant, represents the entire agreement between the parties on the subject matter. All prior agreements, representations, statements, negotiations, and understandings shall have no effect.

3. Governing Law, Jurisdiction and Venue; No Waiver of Jury Trial: This Agreement will be governed by the laws of the State of Vermont. Any action or proceeding brought by either the State or the Party in connection with this Agreement shall be brought and enforced in the Superior Court of the State of Vermont, Civil Division, Washington Unit. The Party irrevocably submits to the jurisdiction of this court for any action or proceeding regarding this Agreement. The Party agrees that it must first exhaust any applicable administrative remedies with respect to any cause of action that it may have against the State with regard to its performance under this Agreement. Party agrees that the State shall not be required to submit to binding arbitration or waive its right to a jury trial.

4. Sovereign Immunity: The State reserves all immunities, defenses, rights or actions arising out of the State’s sovereign status or under the Eleventh Amendment to the United States Constitution. No waiver of the State’s immunities, defenses, rights or actions shall be implied or otherwise deemed to exist by reason of the State’s entry into this Agreement.

5. No Employee Benefits For Party: The Party understands that the State will not provide any individual retirement benefits, group life insurance, group health and dental insurance, vacation or sick leave, workers compensation or other benefits or services available to State employees, nor will the State withhold any state or Federal taxes except as required under applicable tax laws, which shall be determined in advance of execution of the Agreement. The Party understands that all tax returns required by the Internal Revenue Code and the State of Vermont, including but not limited to income, withholding, sales and use, and rooms and meals, must be filed by the Party, and information as to Agreement income will be provided by the State of Vermont to the Internal Revenue Service and the Vermont Department of Taxes.

6. Independence: The Party will act in an independent capacity and not as officers or employees of the State.

7. Defense and Indemnity: The Party shall defend the State and its officers and employees against all third party claims or suits arising in whole or in part from any act or omission of the Party or of any agent of the Party in connection with the performance of this Agreement. The State shall notify the Party in the event of any such claim or suit, and the Party shall immediately retain counsel and otherwise provide a complete defense against the entire claim or suit. The State retains the right to participate at its own expense in the defense of any claim. The State shall have the right to approve all proposed settlements of such claims or suits.

After a final judgment or settlement, the Party may request recoupment of specific defense costs and may file suit in Washington Superior Court requesting recoupment. The Party shall be entitled to recoup costs only upon a showing that such costs were entirely unrelated to the defense of any claim arising from an act or omission of the Party in connection with the performance of this Agreement.

The Party shall indemnify the State and its officers and employees if the State, its officers or employees become legally obligated to pay any damages or losses arising from any act or omission of the Party or an agent of the Party in connection with the performance of this Agreement.

Notwithstanding any contrary language anywhere, in no event shall the terms of this Agreement or any document furnished by the Party in connection with its performance under this Agreement obligate the State to (1) defend or indemnify the Party or any third party, or (2) otherwise be liable for the expenses or reimbursement, including attorneys’ fees, collection costs or other costs of the Party or any third party.

8. Insurance: Before commencing work on this Agreement the Party must provide certificates of insurance to show that the following minimum coverages are in effect. It is the responsibility of the Party to maintain current certificates of insurance on file with the State through the term of this Agreement. No warranty is made that the coverages and limits listed

herein are adequate to cover and protect the interests of the Party for the Party's operations. These are solely minimums that have been established to protect the interests of the State.

Workers Compensation: With respect to all operations performed, the Party shall carry workers' compensation insurance in accordance with the laws of the State of Vermont. Vermont will accept an out-of-state employer's workers' compensation coverage while operating in Vermont provided that the insurance carrier is licensed to write insurance in Vermont and an amendatory endorsement is added to the policy adding Vermont for coverage purposes. Otherwise, the party shall secure a Vermont workers' compensation policy, if necessary to comply with Vermont law.

General Liability and Property Damage: With respect to all operations performed under this Agreement, the Party shall carry general liability insurance having all major divisions of coverage including, but not limited to:

Premises - Operations

Products and Completed Operations

Personal Injury Liability

Contractual Liability

The policy shall be on an occurrence form and limits shall not be less than:

\$1,000,000 Each Occurrence

\$2,000,000 General Aggregate

\$1,000,000 Products/Completed Operations Aggregate

\$1,000,000 Personal & Advertising Injury

Automotive Liability: The Party shall carry automotive liability insurance covering all motor vehicles, including hired and non-owned coverage, used in connection with the Agreement. Limits of coverage shall not be less than \$500,000 combined single limit. If performance of this Agreement involves construction, or the transport of persons or hazardous materials, limits of coverage shall not be less than \$1,000,000 combined single limit.

Additional Insured. The General Liability and Property Damage coverages required for performance of this Agreement shall include the State of Vermont and its agencies, departments, officers and employees as Additional Insureds. If performance of this Agreement involves construction, or the transport of persons or hazardous materials, then the required Automotive Liability coverage shall include the State of Vermont and its agencies, departments, officers and employees as Additional Insureds. Coverage shall be primary and non-contributory with any other insurance and self-insurance.

Notice of Cancellation or Change. There shall be no cancellation, change, potential exhaustion of aggregate limits or non-renewal of insurance coverage(s) without thirty (30) days written prior written notice to the State.

9. Reliance by the State on Representations: All payments by the State under this Agreement will be made in reliance upon the accuracy of all representations made by the Party in accordance with this Agreement, including but not limited to bills, invoices, progress reports and other proofs of work.

10. False Claims Act: The Party acknowledges that it is subject to the Vermont False Claims Act as set forth in 32 V.S.A. § 630 *et seq.* If the Party violates the Vermont False Claims Act it shall be liable to the State for civil penalties, treble damages and the costs of the investigation and prosecution of such violation, including attorney's fees, except as the same may be reduced by a court of competent jurisdiction. The Party's liability to the State under the False Claims Act shall not be limited notwithstanding any agreement of the State to otherwise limit Party's liability.

11. Whistleblower Protections: The Party shall not discriminate or retaliate against one of its employees or agents for disclosing information concerning a violation of law, fraud, waste, abuse of authority or acts threatening health or safety, including but not limited to allegations concerning the False Claims Act. Further, the Party shall not require such employees or agents to forego monetary awards as a result of such disclosures, nor should they be required to report misconduct to the Party or its agents prior to reporting to any governmental entity and/or the public.

12. Location of State Data: No State data received, obtained, or generated by the Party in connection with performance under this Agreement shall be processed, transmitted, stored, or transferred by any means outside the continental United States, except with the express written permission of the State.

13. Records Available for Audit: The Party shall maintain all records pertaining to performance under this agreement. "Records" means any written or recorded information, regardless of physical form or characteristics, which is produced or

acquired by the Party in the performance of this agreement. Records produced or acquired in a machine readable electronic format shall be maintained in that format. The records described shall be made available at reasonable times during the period of the Agreement and for three years thereafter or for any period required by law for inspection by any authorized representatives of the State or Federal Government. If any litigation, claim, or audit is started before the expiration of the three-year period, the records shall be retained until all litigation, claims or audit findings involving the records have been resolved.

14. Fair Employment Practices and Americans with Disabilities Act: Party agrees to comply with the requirement of 21 V.S.A. Chapter 5, Subchapter 6, relating to fair employment practices, to the full extent applicable. Party shall also ensure, to the full extent required by the Americans with Disabilities Act of 1990, as amended, that qualified individuals with disabilities receive equitable access to the services, programs, and activities provided by the Party under this Agreement.

15. Set Off: The State may set off any sums which the Party owes the State against any sums due the Party under this Agreement; provided, however, that any set off of amounts due the State of Vermont as taxes shall be in accordance with the procedures more specifically provided hereinafter.

16. Taxes Due to the State:

- A. Party understands and acknowledges responsibility, if applicable, for compliance with State tax laws, including income tax withholding for employees performing services within the State, payment of use tax on property used within the State, corporate and/or personal income tax on income earned within the State.
- B. Party certifies under the pains and penalties of perjury that, as of the date this Agreement is signed, the Party is in good standing with respect to, or in full compliance with, a plan to pay any and all taxes due the State of Vermont.
- C. Party understands that final payment under this Agreement may be withheld if the Commissioner of Taxes determines that the Party is not in good standing with respect to or in full compliance with a plan to pay any and all taxes due to the State of Vermont.
- D. Party also understands the State may set off taxes (and related penalties, interest and fees) due to the State of Vermont, but only if the Party has failed to make an appeal within the time allowed by law, or an appeal has been taken and finally determined and the Party has no further legal recourse to contest the amounts due.

17. Taxation of Purchases: All State purchases must be invoiced tax free. An exemption certificate will be furnished upon request with respect to otherwise taxable items.

18. Child Support: (Only applicable if the Party is a natural person, not a corporation or partnership.) Party states that, as of the date this Agreement is signed, he/she:

- A. is not under any obligation to pay child support; or
- B. is under such an obligation and is in good standing with respect to that obligation; or
- C. has agreed to a payment plan with the Vermont Office of Child Support Services and is in full compliance with that plan.

Party makes this statement with regard to support owed to any and all children residing in Vermont. In addition, if the Party is a resident of Vermont, Party makes this statement with regard to support owed to any and all children residing in any other state or territory of the United States.

19. Sub-Agreements: Party shall not assign, subcontract or subgrant the performance of this Agreement or any portion thereof to any other Party without the prior written approval of the State. Party shall be responsible and liable to the State for all acts or omissions of subcontractors and any other person performing work under this Agreement pursuant to an agreement with Party or any subcontractor.

In the case this Agreement is a contract with a total cost in excess of \$250,000, the Party shall provide to the State a list of all proposed subcontractors and subcontractors' subcontractors, together with the identity of those subcontractors' workers compensation insurance providers, and additional required or requested information, as applicable, in accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54).

Party shall include the following provisions of this Attachment C in all subcontracts for work performed solely for the State of Vermont and subcontracts for work performed in the State of Vermont: Section 10 ("False Claims Act"); Section 11 ("Whistleblower Protections"); Section 12 ("Location of State Data"); Section 14 ("Fair Employment Practices and

Americans with Disabilities Act”); Section 16 (“Taxes Due the State”); Section 18 (“Child Support”); Section 20 (“No Gifts or Gratuities”); Section 22 (“Certification Regarding Debarment”); Section 30 (“State Facilities”); and Section 32.A (“Certification Regarding Use of State Funds”).

20. No Gifts or Gratuities: Party shall not give title or possession of anything of substantial value (including property, currency, travel and/or education programs) to any officer or employee of the State during the term of this Agreement.

21. Copies: Party shall use reasonable best efforts to ensure that all written reports prepared under this Agreement are printed using both sides of the paper.

22. Certification Regarding Debarment: Party certifies under pains and penalties of perjury that, as of the date that this Agreement is signed, neither Party nor Party’s principals (officers, directors, owners, or partners) are presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in Federal programs, or programs supported in whole or in part by Federal funds.

Party further certifies under pains and penalties of perjury that, as of the date that this Agreement is signed, Party is not presently debarred, suspended, nor named on the State’s debarment list at: <http://bgs.vermont.gov/purchasing/debarment>

23. Conflict of Interest: Party shall fully disclose, in writing, any conflicts of interest or potential conflicts of interest.

24. Confidentiality: Party acknowledges and agrees that this Agreement and any and all information obtained by the State from the Party in connection with this Agreement are subject to the State of Vermont Access to Public Records Act, 1 V.S.A. § 315 et seq.

25. Force Majeure: Neither the State nor the Party shall be liable to the other for any failure or delay of performance of any obligations under this Agreement to the extent such failure or delay shall have been wholly or principally caused by acts or events beyond its reasonable control rendering performance illegal or impossible (excluding strikes or lock-outs) (“Force Majeure”). Where Force Majeure is asserted, the nonperforming party must prove that it made all reasonable efforts to remove, eliminate or minimize such cause of delay or damages, diligently pursued performance of its obligations under this Agreement, substantially fulfilled all non-excused obligations, and timely notified the other party of the likelihood or actual occurrence of an event described in this paragraph.

26. Marketing: Party shall not refer to the State in any publicity materials, information pamphlets, press releases, research reports, advertising, sales promotions, trade shows, or marketing materials or similar communications to third parties except with the prior written consent of the State.

27. Termination:

- A. Non-Appropriation:** If this Agreement extends into more than one fiscal year of the State (July 1 to June 30), and if appropriations are insufficient to support this Agreement, the State may cancel at the end of the fiscal year, or otherwise upon the expiration of existing appropriation authority. In the case that this Agreement is a Grant that is funded in whole or in part by Federal funds, and in the event Federal funds become unavailable or reduced, the State may suspend or cancel this Grant immediately, and the State shall have no obligation to pay Subrecipient from State revenues.
- B. Termination for Cause:** Either party may terminate this Agreement if a party materially breaches its obligations under this Agreement, and such breach is not cured within thirty (30) days after delivery of the non-breaching party’s notice or such longer time as the non-breaching party may specify in the notice.
- C. Termination Assistance:** Upon nearing the end of the final term or termination of this Agreement, without respect to cause, the Party shall take all reasonable and prudent measures to facilitate any transition required by the State. All State property, tangible and intangible, shall be returned to the State upon demand at no additional cost to the State in a format acceptable to the State.

28. Continuity of Performance: In the event of a dispute between the Party and the State, each party will continue to perform its obligations under this Agreement during the resolution of the dispute until this Agreement is terminated in accordance with its terms.

29. No Implied Waiver of Remedies: Either party's delay or failure to exercise any right, power or remedy under this Agreement shall not impair any such right, power or remedy, or be construed as a waiver of any such right, power or remedy. All waivers must be in writing.

30. State Facilities: If the State makes space available to the Party in any State facility during the term of this Agreement for purposes of the Party's performance under this Agreement, the Party shall only use the space in accordance with all policies and procedures governing access to and use of State facilities which shall be made available upon request. State facilities will be made available to Party on an "AS IS, WHERE IS" basis, with no warranties whatsoever.

31. Requirements Pertaining Only to Federal Grants and Subrecipient Agreements: If this Agreement is a grant that is funded in whole or in part by Federal funds:

- A. Requirement to Have a Single Audit:** The Subrecipient will complete the Subrecipient Annual Report annually within 45 days after its fiscal year end, informing the State of Vermont whether or not a Single Audit is required for the prior fiscal year. If a Single Audit is required, the Subrecipient will submit a copy of the audit report to the granting Party within 9 months. If a single audit is not required, only the Subrecipient Annual Report is required. For fiscal years ending before December 25, 2015, a Single Audit is required if the subrecipient expends \$500,000 or more in Federal assistance during its fiscal year and must be conducted in accordance with OMB Circular A-133. For fiscal years ending on or after December 25, 2015, a Single Audit is required if the subrecipient expends \$750,000 or more in Federal assistance during its fiscal year and must be conducted in accordance with 2 CFR Chapter I, Chapter II, Part 200, Subpart F. The Subrecipient Annual Report is required to be submitted within 45 days, whether or not a Single Audit is required.
- B. Internal Controls:** In accordance with 2 CFR Part II, §200.303, the Party must establish and maintain effective internal control over the Federal award to provide reasonable assurance that the Party is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the award. These internal controls should be in compliance with guidance in "Standards for Internal Control in the Federal Government" issued by the Comptroller General of the United States and the "Internal Control Integrated Framework", issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).
- C. Mandatory Disclosures:** In accordance with 2 CFR Part II, §200.113, Party must disclose, in a timely manner, in writing to the State, all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Failure to make required disclosures may result in the imposition of sanctions which may include disallowance of costs incurred, withholding of payments, termination of the Agreement, suspension/debarment, etc.

32. Requirements Pertaining Only to State-Funded Grants:

- A. Certification Regarding Use of State Funds:** If Party is an employer and this Agreement is a State-funded grant in excess of \$1,001, Party certifies that none of these State funds will be used to interfere with or restrain the exercise of Party's employee's rights with respect to unionization.
- B. Good Standing Certification (Act 154 of 2016):** If this Agreement is a State-funded grant, Party hereby represents: (i) that it has signed and provided to the State the form prescribed by the Secretary of Administration for purposes of certifying that it is in good standing (as provided in Section 13(a)(2) of Act 154) with the Agency of Natural Resources and the Agency of Agriculture, Food and Markets, or otherwise explaining the circumstances surrounding the inability to so certify, and (ii) that it will comply with the requirements stated therein.

(End of Standard Provisions)

Contract 39307 U.S. Fleet Source - Nissan, Hyundai & KIA Model Year Vehicle

Attachment D

****Please Note, any prices handwritten were provided by the vendor and were not added or altered by OPC.**

**For Immediate Release****2020 NISSAN VERSA SPECIFICATIONS**

Specifications are based on the latest product information available at time of printing

Mechanical

Engine	
Name	HR16DE
Cam design	DOHC
Orientation	Transverse
Cylinders / configuration	4-cylinder / in-line
Block / head composition	Aluminum / Aluminum
Displacement (liters/cc)	1.6 / 1598 cc
Horsepower	122 @ 6,300 RPM
Torque (lb-ft)	114 @ 4,000 RPM
Bore & stroke (mm)	78.0 x 83.6
Compression ratio (:1)	10.4
Maximum engine speed	6,500 rpm
Induction system	Naturally aspirated
Fuel delivery system/injector type	Sequential multi-point fuel injection Dual-injector per cylinder
Valvetrain	4 valves per cylinder Continuously Variable valve Timing Control System (CVTCS) for intake and exhaust
Engine mounts	LH side: Solid, RH side: Fluid-filled, Rear: Solid
Recommended fuel	Regular unleaded
Emissions system	Oxygen sensor with catalyzer
Emission certification level	Tier 3-Bin33 (EPA) / LEV2-SULEV30 (CARB)
Exhaust	Single system with main and secondary mufflers

Electrical	
Ignition system	Electronic (direct ignition)
Spark plugs	Platinum-tipped
Starter	12V
Alternator	1.68 kW - 120 amp
Battery	Amp-hour rating 60 Ah

Line Item 1

Transmission and Drive System		S	SV	SR
Drive configuration		Front engine/ front-wheel drive		
Transmission type:				
5-speed manual		S	-	-
D-step Xtronic		O	S	S
Gear ratio (:1)		5MT	Xtronic	
1 st		3.727	4.006	
2 nd		2.047	↓	
3 rd		1.392		
4 th		1.029		
5 th		0.820	0.550	
Reverse		3.545	3.770	
Final drive ratio (:1)		4.066	3.754	

Brakes		
Front	Type	Vented disc
Rotor size diameter and thickness (in.)		10.02 x 0.87
Rear	Type	Drum
Drum size diameter (in.)		8.0
Anti-lock Braking System (ABS)		S
Brake Assist		S
Electronic Brake force Distribution (EBD)		S
Parking brake		Hand brake in center console

Steering		S	SV	SR
Type		Electric power-assisted steering		
Overall ratio (:1)		16.8		
Turns (lock-to-lock)		2.96		
Turning diameter (feet)		34.8		
Steering wheel	3-spoke urethane	S	S	-
	Leather-wrapped	-	-	S
	Cruise control swt	S	S	S
	Audio switches	S	S	S
	Bluetooth® switches	S	S	S

Suspension	
Front	Independent strut front suspension, twin tube shock absorbers
Stabilizer bar	21.0 mm diameter
Rear	Torsion beam, twin tube shock absorbers

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion resistant steel

Exterior

Wheels & Tires	S	SV	SR
Wheels			
15" x 6.5 JJ steel wheel w/ cover	S	-	-
16" x 6.0 JJ machined finish aluminum-alloy	-	S	-
17" x 6.5 JJ aluminum-alloy	-	-	S
195/65R15 all-season tires	S	-	-
205/55R16 all-season tires	-	S	-
205/50R17 all-season tires	-	-	S
Spare tire: T125/70D15	S (trunk mounted)		
Tire Pressure Monitoring System		S	
Easy Fill Tire Alert		S	

Lights	S	SV	SR
Headlights			
Multi-reflector halogen	S	S	-
LED (low and high beam)	-	-	S
Auto on/off	S	S	S
Fog lights	-	-	S
Center high mount stop light		S	

Exterior Features	S	SV	SR
Acoustic laminated windshield glass		S	
Body color front and rear bumpers		S	
Chrome grille	S	S	-
V-shaped dark chrome grille	-	-	S
Black power-adjustable remote sideview mirrors	S (resin)	-	-
Body color heated sideview mirrors with integrated side turn signals	-	S	-
Black painted heated sideview mirrors with integrated side turn signals	-	-	S
Resin black exterior door handles	S	-	-
Body color exterior door handles	-	S	S
Body color trunk lid spoiler	-	-	S

Interior

Seating	S	SV	SR
Capacity		5-passenger	
Materials			
Cloth	S	-	-
Upgraded cloth fabric	-	S	-
SR fabric w/interior trim and accents	-	-	S
Front seats			
6-way manual driver's seat	S	S	S
4-way manual passenger's	S	S	S

Line Item 1

Driver's seat armrest	-	S	S
Heated	-	-	O
Rear seats		-	-
Fixed back	S - 5MT	-	-
60/40 split fold-down	S- Xtronic	S	-

Convenience Features	S	SV	SR
Automatic Temperature Control	-	-	S
Bluetooth® Hands-free Phone System		S	
Cruise control w/ steering wheel mounted controls		S	
Intelligent Cruise Control (ICC)	-	-	O
Power windows w/ driver-side one-touch auto-down feature		S	
Power door locks (driver's side switch)		S	
Cupholders (2 front/2 rear)		S	
Bottle holders (2 front doors)		S	
Remote trunk release lever		S	
Push Engine Start		S	
Remote Keyless Entry system with trunk release		S	
Intelligent Key	-	-	S
12-volt power outlet		S	
Glove compartment			
Day/night rearview mirror			
Driver footrest			
Front door pockets			
Illuminated entry			
Driver's visor vanity mirror		S	
Front map lights		S	
Map light (door linked)		S	
Front pass. seat map pockets		S	
Hands-free Text Messaging Assistant		S	
RearView Monitor		S	
USB connection port for iPod® interface and other compatible devices, Aux-in port		S	
Intelligent Driver Alert (I-DA)	-	S	S
Rear Door Alert	-	S	S

Audio	S	SV	SR
7.0-inch color touchscreen		S	
Streaming audio via Bluetooth		S	
Siri® Eyes Free		S	
AM/FM audio system w/4 speakers	S	S	-
AM/FM audio system w/6 speakers	-	-	S

Line Item 1

NissanConnect® featuring Apple CarPlay® and Android Auto®	-	S	S
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	-	S	S

Instrumentation		
Speedometer	Analog	S
Tachometer	Analog	S
Fuel level	Analog	S
Service engine light		S
Tire pressure warning		S
Shift position indicator		S (N/A on S MT)
Digital clock (in radio)		S
ABS warning light		S

Safety and Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS)		S
Driver and front passenger seat-mounted side-impact supplemental air bags		S
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Seat belts	Front Rear	3-point ELR (plus ALR for passenger) 3-point ALR/ELR
Seatbelt with pretensioners, load limiters and adjustable upper anchors		Front seating positions
Power window lockout button		SV
LATCH system		2 outboard rear seat positions
Child seat upper tether anchor		3 positions (rear parcel shelf)
Child safety rear door locks		S
Emergency inside trunk release		S

Safety Features		
Zone body construction with front and rear crumple zones		S
Energy absorbing steering column		S
Hood buckling creases and safety stops		S
Pipe-style steel side-door guard beams		S
Shift interlock system (Xtronic)		S
Vehicle Dynamic Control (VDC)		S
Traction Control System (TCS)		S

Safety, Security and Driving Aids	S	SV	SR
Tamper proof door lock key cylinder		S	
Vehicle Security System (VSS)			
Immobilizer			
Automatic Emergency Braking (AEB) with Pedestrian Detection		S	
Blind Spot Warning (BSW)	-	S	S

Line Item 1

Rear Cross Traffic Alert (RCTA)	-	S	S
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Dimensions

Exterior (inches)	S MT	S Xtronic	SV	SR
Wheelbase	103.1			
Overall length	177.0			
Overall width	68.5			
Overall height	57.3	57.3	57.3	57.7
Track width Front / Rear	59.8/ 60.2	59.8/ 60.2	59.8/ 60.2	59.3/ 59.6
Coefficient of drag - Cd	0.32 (no rear spoiler)	0.29	0.29	0.29
Ground clearance	6.8			
Step-in height	Front Rear	13.9 14.4		14.1 14.6
Angle of approach (degrees)	17.3			
Angle of departure (degrees)	20.1			

Interior (inches)	
Front row	Head room Leg room Hip room Shoulder room
	39.5 44.5 50.9 53.1
Second row	Head room Leg room Hip room Shoulder room
	36.3 31.0 50.1 53.6
Volume (ft ³)	Passenger compartment
	Cargo w/seats up
	Total
	88.9
	14.7
	15.0
	103.6
	103.9

Weights		S 5MT	S Xtronic	SV	SR
Curb (pounds)	Front	1,552	1,609	1,601	1,638
	Rear	1,047	1,041	1,056	1,091
	Total	2,599	2,650	2,657	2,729
Weight distribution (%)	Front/Rear	60/40	60/40	60/40	60/40
GVWR (pounds)		3,461	3,605	3,605	3,605

Capacities
Fuel tank (gallons)
Engine oil (quarts)
Engine coolant (quarts)
Maximum cargo incl. passengers (pounds)
10.8
4.86
6.13 5M/T; 7.34 Xtronic
848.8

EPA Estimated Fuel Economy	5MT	Xtronic
City	27	32
Highway	35	40
Combined	30	35

Line Item 1

EPA Classification	Compact		
Options	S	SV	SR
Convenience Package: Heated front seats, Intelligent Cruise Control (ICC)	-	-	0

Line Item 1

Transmission and Drive System		S	SV	SR
Drive configuration		Front engine/ front-wheel drive		
Transmission type:				
5-speed manual		S	-	-
D-step Xtronic		O	S	S
Gear ratio (:1)		5MT	Xtronic	
1 st		3.727	4.006	
2 nd		2.047	↓	
3 rd		1.392		
4 th		1.029		
5 th		0.820	0.550	
Reverse		3.545	3.770	
Final drive ratio (:1)		4.066	3.754	

Brakes		
Front	Type	Vented disc
Rotor size diameter and thickness (in.)		10.02 x 0.87
Rear	Type	Drum
Drum size diameter (in.)		8.0
Anti-lock Braking System (ABS)		S
Brake Assist		S
Electronic Brake force Distribution (EBD)		S
Parking brake		Hand brake in center console

Steering		S	SV	SR
Type		Electric power-assisted steering		
Overall ratio (:1)		16.8		
Turns (lock-to-lock)		2.96		
Turning diameter (feet)		34.8		
Steering wheel	3-spoke urethane	S	S	-
	Leather-wrapped	-	-	S
	Cruise control swt	S	S	S
	Audio switches	S	S	S
	Bluetooth® switches	S	S	S

Suspension	
Front	Independent strut front suspension, twin tube shock absorbers
Stabilizer bar	21.0 mm diameter
Rear	Torsion beam, twin tube shock absorbers

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion resistant steel

Exterior

Wheels & Tires	S	SV	SR
Wheels			
15" x 6.5 JJ steel wheel w/ cover	S	-	-
16" x 6.0 JJ machined finish aluminum-alloy	-	S	-
17" x 6.5 JJ aluminum-alloy	-	-	S
195/65R15 all-season tires	S	-	-
205/55R16 all-season tires	-	S	-
205/50R17 all-season tires	-	-	S
Spare tire: T125/70D15	S (trunk mounted)		
Tire Pressure Monitoring System		S	
Easy Fill Tire Alert		S	

Lights	S	SV	SR
Headlights			
Multi-reflector halogen	S	S	-
LED (low and high beam)	-	-	S
Auto on/off	S	S	S
Fog lights	-	-	S
Center high mount stop light		S	

Exterior Features	S	SV	SR
Acoustic laminated windshield glass		S	
Body color front and rear bumpers		S	
Chrome grille	S	S	-
V-shaped dark chrome grille	-	-	S
Black power-adjustable remote sideview mirrors	S (resin)	-	-
Body color heated sideview mirrors with integrated side turn signals	-	S	-
Black painted heated sideview mirrors with integrated side turn signals	-	-	S
Resin black exterior door handles	S	-	-
Body color exterior door handles	-	S	S
Body color trunk lid spoiler	-	-	S

Interior

Seating	S	SV	SR
Capacity		5-passenger	
Materials			
Cloth	S	-	-
Upgraded cloth fabric	-	S	-
SR fabric w/interior trim and accents	-	-	S
Front seats			
6-way manual driver's seat	S	S	S
4-way manual passenger's	S	S	S

Line Item 1

Driver's seat armrest	-	S	S
Heated	-	-	O
Rear seats		-	-
Fixed back	S - 5MT	-	-
60/40 split fold-down	S- Xtronic	S	-

Convenience Features	S	SV	SR
Automatic Temperature Control	-	-	S
Bluetooth® Hands-free Phone System		S	
Cruise control w/ steering wheel mounted controls		S	
Intelligent Cruise Control (ICC)	-	-	O
Power windows w/ driver-side one-touch auto-down feature		S	
Power door locks (driver's side switch)		S	
Cupholders (2 front/2 rear)		S	
Bottle holders (2 front doors)		S	
Remote trunk release lever		S	
Push Engine Start		S	
Remote Keyless Entry system with trunk release		S	
Intelligent Key	-	-	S
12-volt power outlet		S	
Glove compartment			
Day/night rearview mirror			
Driver footrest			
Front door pockets			
Illuminated entry			
Driver's visor vanity mirror		S	
Front map lights		S	
Map light (door linked)		S	
Front pass. seat map pockets		S	
Hands-free Text Messaging Assistant		S	
RearView Monitor		S	
USB connection port for iPod® interface and other compatible devices, Aux-in port		S	
Intelligent Driver Alert (I-DA)	-	S	S
Rear Door Alert	-	S	S

Audio	S	SV	SR
7.0-inch color touchscreen		S	
Streaming audio via Bluetooth		S	
Siri® Eyes Free		S	
AM/FM audio system w/4 speakers	S	S	-
AM/FM audio system w/6 speakers	-	-	S

Line Item 1

NissanConnect® featuring Apple CarPlay® and Android Auto®	-	S	S
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	-	S	S

Instrumentation		
Speedometer	Analog	S
Tachometer	Analog	S
Fuel level	Analog	S
Service engine light		S
Tire pressure warning		S
Shift position indicator		S (N/A on S MT)
Digital clock (in radio)		S
ABS warning light		S

Safety and Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS)		S
Driver and front passenger seat-mounted side-impact supplemental air bags		S
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Seat belts	Front Rear	3-point ELR (plus ALR for passenger) 3-point ALR/ELR
Seatbelt with pretensioners, load limiters and adjustable upper anchors		Front seating positions
Power window lockout button		SV
LATCH system		2 outboard rear seat positions
Child seat upper tether anchor		3 positions (rear parcel shelf)
Child safety rear door locks		S
Emergency inside trunk release		S

Safety Features		
Zone body construction with front and rear crumple zones		S
Energy absorbing steering column		S
Hood buckling creases and safety stops		S
Pipe-style steel side-door guard beams		S
Shift interlock system (Xtronic)		S
Vehicle Dynamic Control (VDC)		S
Traction Control System (TCS)		S

Safety, Security and Driving Aids	S	SV	SR
Tamper proof door lock key cylinder		S	
Vehicle Security System (VSS)			
Immobilizer			
Automatic Emergency Braking (AEB) with Pedestrian Detection		S	
Blind Spot Warning (BSW)	-	S	S

Line Item 1

Rear Cross Traffic Alert (RCTA)	-	S	S
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Dimensions

Exterior (inches)	S MT	S Xtronic	SV	SR
Wheelbase	103.1			
Overall length	177.0			
Overall width	68.5			
Overall height	57.3	57.3	57.3	57.7
Track width Front / Rear	59.8/ 60.2	59.8/ 60.2	59.8/ 60.2	59.3/ 59.6
Coefficient of drag - Cd	0.32 (no rear spoiler)	0.29	0.29	0.29
Ground clearance	6.8			
Step-in height	Front Rear	13.9 14.4		14.1 14.6
Angle of approach (degrees)	17.3			
Angle of departure (degrees)	20.1			

Interior (inches)	
Front row	Head room Leg room Hip room Shoulder room
	39.5 44.5 50.9 53.1
Second row	Head room Leg room Hip room Shoulder room
	36.3 31.0 50.1 53.6
Volume (ft ³)	Passenger compartment
	Cargo w/seats up
	Total
	88.9
	14.7
	15.0
	103.6
	103.9

Weights		S 5MT	S Xtronic	SV	SR
Curb (pounds)	Front	1,552	1,609	1,601	1,638
	Rear	1,047	1,041	1,056	1,091
	Total	2,599	2,650	2,657	2,729
Weight distribution (%)	Front/Rear	60/40	60/40	60/40	60/40
GVWR (pounds)		3,461	3,605	3,605	3,605

Capacities
Fuel tank (gallons)
Engine oil (quarts)
Engine coolant (quarts)
Maximum cargo incl. passengers (pounds)
10.8
4.86
6.13 5M/T; 7.34 Xtronic
848.8

EPA Estimated Fuel Economy	5MT	Xtronic
City	27	32
Highway	35	40
Combined	30	35

Line Item 1

EPA Classification	Compact		
Options	S	SV	SR
Convenience Package: Heated front seats, Intelligent Cruise Control (ICC)	-	-	0

**INTERIOR - COMFORT / CONVENIENCE**

- ✓ Air conditioning
- ✓ In-cabin microfilter
- ✓ Power windows with one-touch driver-side auto-up/down
- ✓ Power door locks with auto-locking feature
- ✓ Rear Door Alert [*]
- ✓ Nissan Intelligent Key® with Push Button Ignition
- ✓ Remote Engine Start System [*]
- ✓ Tilt and telescoping steering column
- ✓ Variable intermittent speed-sensitive windshield wipers
- ✓ Sun visors with illuminated vanity mirrors and extensions
- ✓ Map lights and rear reading lights

DRIVER ASSISTANCE TECHNOLOGIES

- ✓ Cruise control
- ✓ Intelligent Forward Collision Warning [*]
- ✓ Automatic Emergency Braking [*]
- ✓ RearView Monitor [*]
- ✓ Vehicle Dynamic Control (VDC) with Traction Control System (TCS) [*]
- ✓ Active Ride Control
- ✓ Intelligent Trace Control [*]
- ✓ Hill start assist
- ✓ Intelligent Driver Alertness [*]

EXTERIOR - EXTERIOR FEATURES

- ✓ Active grille shutters
- ✓ Intelligent Auto Headlights
- ✓ Halogen projector headlights
- ✓ Dual power outside mirrors
- ✓ Chrome V-Motion grille
- ✓ Chrome door handles
- ✓ Body-color outside mirrors
- ✓ Body-color rear diffuser

For Immediate Release**2020 Nissan Altima 2.5L Specifications**

*Specifications are based on latest product information available at the time of release
For specifications on Altima 2.0L VC-Turbo models, please visit NissanNews.com*

Mechanical

Engine		2.5L
Name		PR25DD
Cam design		DOHC
Orientation		Transverse
Cylinders / configuration		4-cylinder inline
Block / head composition		Aluminum/aluminum
Displacement (liters / cc)		2.5L/ 2,488 cc
Horsepower/PZEV		188 @6,000 RPM – FWD 182 @6,000 RPM – AWD
Torque (lb-ft)		180 @ 3,600 RPM – FWD 178 @ 3,600 RPM – AWD
Bore & stroke (mm)		89 x 100
Compression ratio (:1)		12.0
Maximum engine speed		6,200 RPM
Induction system		Direct Injection Gas (DIG™)
Valvetrain		4 valves per cylinder; w/CVTCS on intake and exhaust valves
Recommended fuel		Regular unleaded
Emission certification level		LEV3- SULEV30
Exhaust		Cylinder head integrated exhaust manifold

Electrical		2.5L
Ignition system		Electronic (direct ignition)
Starter		12V
Alternator		120W
Battery		60Ah
Battery saver timing device		S

Transmission and Drive System		2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Drive configuration		Front-engine / front-wheel drive or front-engine / Intelligent All-Wheel drive				
Transmission type		Xtronic				
Gear ratio		2.631 – 0.378				
	Reverse (:1)	1.96				
Final drive ratio (:1)		4.828				
Manual shift mode with paddle shifters		-	S	-	-	-

Line Item 2&3

Hill Start Assist	S
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Brakes		2.5L
Standard		
Front	Type	Power-assisted vented disc
Rotor size diameter and thickness (in.)		11.65 x 1.02
Rear	Type	Power-assisted solid disc
Rotor size diameter and thickness (in.)		11.50 x 0.35 (S, SR, SV FWD) 11.02 x 0.38 (SL, Plat. FWD, all grades AWD)
Anti-lock Braking System (ABS)		Standard
Number of wheels		4
Number of channels		4
Number of sensors		4
Electronic Brake force Distribution (EBD)		S
Brake Assist (BA)		S
Parking brake		Foot brake / mechanical (S, SR FWD) Electronic / switch (SV, SL, Plat. FWD, all grades AWD)

Steering		2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Type		Dual Pinion Electric Powered Steering System (DP-EPS)				
Power assisted		Vehicle-speed-sensitive				
Overall ratio (:1)		15.3				
Turns – lock-to-lock		2.8	2.7			
Turning diameter – curb-to-curb (ft.)		36.1	37.4			
Steering wheel	3-spoke urethane	S	-	-	-	-
	3-spoke leather-wrapped	-	S	S	S	S
	Bluetooth® Hand-free Phone switches	S	S	S	S	S
	Heated	-	O	S	S	S

Suspension	
Front	Independent strut w/ coil springs, aluminum links, 25mm stabilizer bar
Rear	Multi-link independent suspension, 26mm stabilizer bar FWD/ 22mm AWD
ZF Sachs monotube rear shock absorbers	S
Active Understeer Control	S
Sport-tuned suspension	SR grade – FWD only
Intelligent Ride Control	S
Intelligent Trace Control	S

Body / Chassis		2.5L
Type		Unibody
Materials (primary)		Corrosion-resistant high-strength steel, aluminum-alloy hood

Exterior

Wheels & Tires	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Wheels					
16-inch steel with full wheel cover	S	-	-	-	-
17-inch machined aluminum-alloy with painted inserts	-	-	S	S	-
19-inch machined aluminum-alloy with painted inserts	-	S	-	-	S
215/60R16 all-season tires	S	-	-	-	-
215/55R17 all-season tires	-	-	S	S	-
235/40R19 all-season tires	-	S	-	-	S
Temporary spare tire – 16 x 4T, steel wheel	S				
Tire Pressure Monitoring System (TMS), 4-corner pressure readout	S				
Easy Fill Tire Alert	S				

Lights	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat
Headlights					
Intelligent Auto Headlights (I-AH)	S				
Halogen	S	-	-	-	-
LED	-	S	S	S	S
Daytime Running Lights (DRL)	-	S	S	S	S
High Beam Assist (HBA)	O	S	S	S	S
Fog lights (LED)	-	-	S	S	S
Heated outside mirror-mounted LED turn signals	-	O	S	S	S
Center High-Mounted Stop Light (LED)	S				

Exterior Features	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat
Active grille shutters	S				
Rear decklid spoiler	-	O	O	O	O
Exhaust finisher	-	S	S	S	S
Dark chrome Vmotion grille, unique rear diffuser color, exhaust finisher, black side mirror caps, body color door handles	-	S	-	-	-
Rear Sonar System	O	S	S	S	S

Interior

Seating	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat
Capacity	5 passenger				
Materials					
Woven fabric	S	-	S	-	-
Sport combo	-	S	-	-	-
Leather-appointed	-	-	-	S	S
Front seats	Type	Zero gravity bucket			

Line Item 2&3

Heated	-	O	S	S	S
Driver's seat 8-way power	S				
2-way power lumbar	-	O	S	S	S
2-driver memory	-	-	-	-	S
Passenger's seat 4-way manual	S	S	S	-	-
4-way power	-	-	-	S	S
Front seatback pockets	S				
Rear seats Type	3-across bench				
60/40 split fold-down	S				
Fold-down release	In cabin and in trunk				

Audio	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
AM/FM w/RDS, MP3 and Aux-in, 6 speakers	S	S	S	-	-
Bose® Premium Sound System with AM/FM/HD/AUX w/9 speakers	-	-	-	S	S
7.0-inch Advanced Drive-Assist™ Display	S				
8.0-inch color display with multi-touch control	S				
SiriusXM® Satellite Radio with advanced audio features (SiriusXM® subscription required, sold separately)	S				
Two front illuminated USB connection ports (one Type-A, one Type-C) with iPod® connectivity	S				
Two rear illuminated USB charge ports (one Type-A, one Type-C)	S				

Connectivity and Navigation	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
NissanConnect® featuring Apple CarPlay® and Android Auto™	S				
NissanConnect with Navigation and Services with Nissan Door to Door Connected Navigation, Sirius XM Traffic™, SiriusXM® Travel Link, NissanConnect Services Powered by SiriusXM® (SiriusXM® subscription required, sold separately), HD Radio	-	-	-	S	S
Hands-Free Text Messaging Assistant	S				
Bluetooth® Hands-free Phone System	S				
Streaming audio via Bluetooth®	S				
Siri Eyes Free/Google Assistant™ Voice Recognition	S				

Instrumentation	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Meters/gauges – Fine Vision illumination Speedometer Tachometer Coolant temperature Fuel level w/ fuel door location indicator	S				

Line Item 2&3

Compass (in navigation system)	-	-	-	S	S
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Comfort & Convenience Features	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Nissan Intelligent Key® with Push Button Start Ignition	S				
Power windows with auto up/down w/auto reverse – driver side	S				
Power window with auto up/down w/auto reverse – front passenger side	-	-	S	S	S
Power door locks with selective unlocking	S				
Dual power remote-controlled sideview mirrors – fixed	S				
Sideview mirrors w/integrated LED turn signals	-	O	S	S	S
2-driver rearview mirror position memory	-	-	-	-	S
Steering wheel mounted control switches (cruise control, audio, Bluetooth Hands-free Phone System)	S				
Center console w/armrest, 12V power outlet, CD/DVD case storage	S				
Cup holders Front/rear	4 total (2 in center console / 2 in rear armrest)				
Bottle holders	4 total (2 in front door pockets / 2 in rear door pockets)				
Glove compartment w/damper and lock	S				
HomeLink® Universal Transceiver	-	-	S	S	S
RearView Monitor	S	S	S	S	-
Intelligent Around View® Monitor (I-AVM)	-	-	-	-	S
Front HVAC system microfilter	S				
Rear heating/cooling vents	-	-	S	S	S
Dual-Zone Automatic Temperature Control	-	-	S	S	S
Single panel moonroof	-	O	S	S	S
Flab blade variable intermittent windshield wipers with mist cycle	S				
Rear window defroster with timer	S				
Unique sport interior, including carbon grain door trim	-	S	-	-	-
Dual overhead front map lights with sunglass holder	S				
Rear reading lights	S				
Interior accent lighting	-	-	-	-	S
Cruise control	S				
Remote engine start ¹	S	S	-	-	-
Remote engine starter with Intelligent Climate Control	-	-	S	S	S
Intelligent Cruise Control (ICC)	-	-	S	S	S
Rear Door Alert (RDA) system	S				

Safety and Security

Passenger Restraint Systems		2.5L
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor		S
Front seat-mounted side impact supplemental air bags		S
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Driver and front passenger supplemental knee air bags		S
Seat-mounted rear passenger side-impact supplemental air bags		S
Seat belts (all seating positions)	Front Rear	3-point (ALR/ELR for passenger, ELR for driver) 3-point ALR/ELR
Seatbelt pretensioners and load limiters		Front/Rear

Child Safety		2.5L
Child seat upper tether anchors		3 (rear seat)
Power window lockout button		S
LATCH System		
Child safety rear door locks		
Emergency inside trunk release		

Impact Safety		2.5L
Energy-absorbing steering column		S
Zone Body construction with front & rear crumple zones		
Hood buckling creases & safety stops		
Pipe-style steel side door guard beams		
Knee bolsters		
Slide-away brake pedal assembly		
Break-away engine mounts		
Body side reinforcements		

Active Safety		2.5L
Anti-lock Braking System (ABS)		S
Vehicle Dynamic Control (VDC)		
Traction Control System (TCS)		
Tire Pressure Monitoring System (TPMS)		

Safety, Security and Driving Aids	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Nissan Vehicle Immobilizer System			S		
Vehicle Security System (VSS)			S		
Automatic Emergency Braking (AEB)	S	-	-	-	-
Automatic Emergency Braking with Pedestrian Detection	O	S	S	S	S

Line Item 2&3

Intelligent Forward Collision Warning (I-FCW)	S				
Rear Cross Traffic Alert (RCTA)	O	S	S	S	S
Blind Spot Warning (BSW)	O	S	S	S	S
ProPILOT Assist Steering Assist Intelligent Cruise Control (ICC) – with Full Speed Range and Assist	-	-	S	S	S
Lane Departure Warning (LDW)	O	S	S	S	S
Intelligent Lane Intervention (I-LI)	-	-	S	S	S
Rear Automatic Braking (RAB)	O	S	S	S	S
Traffic Sign Recognition (TSR)	-	-	-	S	S
Intelligent Driver Alertness (I-DA)	S				

Exterior (inches)		2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Wheelbase		111.2				
Overall length		192.9				
Overall width		72.9 in. (w/o mirrors)				
Overall height	FWD	56.7	56.9	56.8	56.8	56.9
	AWD	57.1	57.4	57.3	57.3	57.4
Track width	Front	63.6	62.8	63.2	63.2	62.8
Track width	Rear	63.6	62.8	63.2	63.2	62.8
Coefficient of drag (Cd)		0.26				

Interior (inches)	Front	Back
Headroom (w/o moonroof)	39.2	36.9
Headroom w/moonroof	38.0	36.7
Legroom	43.8	35.2
Shoulder room	58.2	57.1

Weights			2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Curb (pounds)	Front	FWD	1,927	1,965	1,955	1,966	1,987
	Rear	FWD	1,281	1,322	1,313	1,325	1,343
	Total	FWD	3,208	3,287	3,268	3,291	3,330
Weight distribution (%) (front/rear)		FWD	60/40				
Curb (pounds)	Front	AWD	1,977	2,015	2,010	2,021	2,041
	Rear	AWD	1,361	1,399	1,389	1,401	1,420
	Total	AWD	3,338	3,414	3,399	3,422	3,461
Weight distribution (%) (front/rear)		AWD	59/41				
GVWR (pounds)	FWD		4,328				
	AWD		4,449				

Capacities

Line Item 2&3

Fuel tank (gallons)	16.2 – FWD / 16.0 – AWD
Engine oil (quarts)	5.3
Engine coolant (quarts)	8.3

Volume (cubic feet)	
Passenger compartment (w/o moonroof)	100.8
Cargo	15.4
Total – w/moonroof	116.2

EPA Fuel Economy (Actual mileage may vary)		2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
City	FWD	28	27	28	28	27
	AWD	26	25	26	26	25
Highway	FWD	39	37	39	39	37
	AWD	36	35	36	36	35
Combined	FWD	32	31	32	32	31
	AWD	30	29	30	30	29
Classification		Mid-size				

Options

	2.5 S	2.5 SR	2.5 SV	2.5 SL	2.5 Plat.
Premium Package: Single panel moonroof, heated outside mirrors with LED turn signal indicators, heated front seats, 2-way driver power lumbar	-	0	-	-	-
Driver Assistance Package: Blind Spot Warning (BSW), Rear Cross Traffic Alert (RCTA), Lane Departure Warning (LDW), High Beam Assist (HBA), Automatic Emergency Braking with Pedestrian Detection, Rear Automatic Braking (RAB), Rear Sonar System	0	-	-	-	-
17-inch Aluminum-alloy Wheels	0	-	0	0	-
Rear Spoiler	-	0	0	0	0
Splash Guards	0	0	0	0	0

2020 NISSAN LEAF S / S PLUS

Line Item 4&5



ONE LEAF, TWO CHOICES

Nissan LEAF:
The icon of Nissan Intelligent Mobility


"LEAF" (40kWh)

"LEAF PLUS" More Range, More Power (62kWh)

Version specific	Main usage	<ul style="list-style-type: none">• Regular city driving, shorter commutes	<ul style="list-style-type: none">• Longer commuting distances sometimes using highway
	Reasons to choose	<ul style="list-style-type: none">• Affordable access point to a 100% electric car with all of the benefits of Nissan Intelligent Mobility• No compromise on available technology and features• Range you need for your daily life with quick charger back-up	<ul style="list-style-type: none">• Longer range and more power on the highway• More daily trips on one charge• Charge less
	Charging frequency	<ul style="list-style-type: none">• Twice a week for the 'average' driver*	<ul style="list-style-type: none">• Once a week / ten days for the 'average' driver*



LEAF (40kWh)


240-V HOME CHARGING 
7.5 HOURS
= FULL CHARGE

50 kW QUICK CHARGING 
40 MINUTES
= 80% CHARGE



Home & Public Public
Fast Chargers




LEAF PLUS (62kWh)

 240-V HOME CHARGING
11.5 HOURS
= FULL CHARGE

 50 kW DC QUICK CHARGING
60 MINUTES
= 80% CHARGE

 100 kW DC QUICK CHARGING
45 MINUTES
= 80% CHARGE

**WARRANTY**

<u>Basic months</u>	36
<u>Basic distance (miles)</u>	36,000
<u>Scheduled maintenance months</u>	⊗ Not Available
<u>Scheduled maintenance distance (miles)</u>	⊗ Not Available
<u>Powertrain months</u>	60
<u>Powertrain distance (miles)</u>	60,000
<u>Corrosion perforation months</u>	60
<u>Corrosion perforation distance (miles)</u>	 unlimited
<u>Roadside assistance months</u>	 36
<u>Roadside assistance distance (miles)</u>	 unlimited

For Immediate Release**2019 NISSAN LEAF 40kW SPECIFICATIONS**

Specifications are based on latest product information available at the time of release

Mechanical

Mechanical and Platform	S	SV	SL
High-response 110 kW AC synchronous electric motor (EM57)	S		
40 kWh laminated lithium-ion (Li-ion) battery, 192 cells	S		
147 horsepower @ 3,282 ~ 9,795 rpm	S		
236 lb-ft of torque @ 0~3283 rpm	S		
6.6 kW onboard charger (6.0 kW output) Charging time ¹ (est.) 220V ~ 7.5 hrs 110V ~ 35 hrs Quick Charge 40 min to 80%	S O	S S	S S
Portable trickle charge cable (110V EVSE)	S		
Range ² : EPA-estimated range – 150 miles (Battery capacity decreases with time and use. Actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age)	S		
Dedicated EV platform	S		
Battery housed in the floor for optimum vehicle packaging and weight distribution	S		
Li-ion battery pack warranty ³ – 8 years or 100,000 miles against defects; 8 years or 100,000 miles against excessive capacity loss	S		
Emissions	Tier3Bin0/CFV ZEV, ILEV (Fed), ZEV (CAL)		

Transmission and Drive System	
Drive configuration	Front-wheel drive
Transmission type	Single speed reducer
Shifter style	Shift-by-wire drive selector
Final drive ratio (:1)	8.193
Hill Start Assist	S
e-Pedal (advanced 1-pedal operation)	S
3 Drive Modes:	
Normal	S
Eco-Mode – Increased regenerative braking, assists in limiting motor output and reduces HVAC power output	S
B-mode – Engages regenerative braking more aggressively while decelerating	S

LEAF

Brakes		S	SV	SL
Cooperative Regenerative brakes		Electrically-driven Intelligent Brake		
4-wheel power-assisted disc brakes		S		
Front		11.14" x 1.1" vented disc		
Rear		11.5" x 0.63" vented disc		
4-wheel Anti-lock Braking System (ABS)		S		
Brake Assist		S		
Electronic Brake force Distribution (EBD)		S		
Parking brake	Manual, foot pedal	S	S	S
	Electric (E-PKB)	-	O	O

Steering		S	SV	SL
Type		Vehicle-speed-sensitive electric power-steering		
Turning diameter (curb-to-curb, ft.)		34.8	36.1	36.1
Steering Wheel	3-spoke	S	S	S
	Manual tilt	S	S	S
	Leather-wrapped	-	S	S
	Heated	-	O	S
Cruise control switches		S		
Audio, Bluetooth® switches		S		
Eco-mode switch		S		

Suspension		
Front	Type	Independent MacPherson strut w/ coil springs and stabilizer bar
Rear	Type	Torsion beam with integrated stabilizer bar

Body/Chassis		
Type		Unibody
Primary materials		Corrosion-resistant high strength steel

Exterior

Wheels & Tires		S	SV	SL
Wheels				
16-inch steel with full wheel covers		S	-	-
17-inch aluminum-alloy, machined finish		-	S	S
Tires				
All-season 205/55R16 Bridgestone Ecopia		S	-	-
All-season 215/50R17 Michelin Energy Saver		-	S	S
Tire repair kit – Mounted in trunk		S		

Exterior Features		S	SV	SL
Dual power remote-controlled outside mirrors		S		
Heated outside mirrors		O	O	-
Heated outside mirrors with integrated turn signals		-	-	S
Chrome outside door handles		S		
Aerodynamic underbody cover and rear diffuser		S		

Aerodynamic halogen headlights	S	S	-
Aerodynamic LED low beam headlights	-	O	S
LED Daytime Running Lights	-	O	S
Automatic on/off headlights		S	
High Beam Assist (HBA)	-	O	O
Fog lights	-	S	S
LED taillights		S	
Center high-mounted stop light		S	
Energy-absorbing body-color front and rear bumpers		S	
Rear spoiler		S	
Fixed roof antenna		S	
Charge port light and lock		S	
Quick charge port	O	S	S

Interior

Interior	S	SV	SL
5-passenger seating capacity		S	
6-way manual driver's seat	S	S	-
8-way power driver's seat (with 2-way lumbar)	-	O	S
4-way manual front passenger seat		S	
Bio Suede PET material	S	S	-
Leather-appointed seating	-	-	S
Front heated seats	O	O	S
60/40 folding rear seats		S	
Rear HVAC ducts	O	O	S
Passenger seat pockets		S	
Remote charge door release		S	
Digital meter cluster		S	
Trip computer (State of Charge percentage, instant and average energy consumption, driving time, outside temperature and autonomy range)		S	
Front and rear assist grips		S	

Audio/Navigation	S	SV	SL
AM/FM/CD with MP3/WMA CD playback capability, 4 speakers, 5.0-inch color LCD display	S	-	-
AM/FM with MP3/WMA playback capability, 6 speakers, 7.0-inch color LCD display	-	S	-
Bose® Premium Audio system with 7 speakers	-	-	S
HD Radio	-	S	S
Auxiliary input jack and USB connection port for iPod® and other devices		S	
Bluetooth® Streaming Audio		S	
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)		S	
NissanConnect SM with Navigation featuring Apple CarPlay TM and Android Auto TM – with Nissan navigation system with voice guidance	-	S	S

7.0-inch color display with multi-touch control, Nissan Voice Recognition for navigation and audio, HD Radio, SiriusXM® Satellite Radio, SiriusXM® Travel Link™ and SiriusXM® Traffic (SiriusXM® subscription required, sold separately), USB connection port for iPod interface and other compatible devices, Bluetooth® Hands-free Phone System, Streaming Audio via Bluetooth®, Hands-free Text Messaging Assistant, NissanConnect Services Powered by SiriusXM®			
NissanConnect EV (telematics) – allows remote connection to vehicle, including monitoring battery state of charge/charging status, start charging event and turn on HVAC system (no-charge subscription required)	-	S	S

Instrumentation	
Digital gauges	Battery temperature Power meter Remaining energy gauge Capacity level gauge Distance to empty display Eco indicator Outside temperature gauge ProPILOT Assist status

Convenience Features	S	SV	SL
Cruise control	S	-	-
Intelligent Cruise Control (ICC)	-	S	S
Nissan Intelligent Key™ with Push Button Start and charge port door release		S	
Power windows with driver's side one-touch auto up/down		S	
Power door locks w/auto locking system		S	
Cupholders – 2 in center console		S	
Bottle holders – 4 (door panels)		S	
Sun visors with extension		S	
Glove compartment		S	
Bluetooth® Hands-free Phone System		S	
Variable intermittent windshield wipers		S	
Rear window defroster with timer		S	
Room lamp		S	
12-volt power outlet (1 on IP)		S	
Automatic Temperature Control		S	
Heater, AC timer		S	
Charging timer – set desired charge time		S	
Center console storage		S	
Hybrid heater system – (heat pump)	-	0	S
Cargo area cover	0	0	S
Auto-dimming inside rearview mirror	-	0	S

RearView Monitor	S	S	-
Intelligent Around View® Monitor (I-AVM)	-	-	S
HomeLink® Universal Transceiver	-	O	S
Hands-free Text Messaging Assistant		S	
Rear Door Alert (RDA) (late availability)		S	

Safety & Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor		S
Front seat-mounted side-impact supplemental air bags		S
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Seatbelts	3-point ALR/ELR Pretensioners Load-limiters	All (including inboard)(driver ELR only) Front Front

Child Safety	
Child seat upper tether anchor	S
Power window lockout system	S
LATCH System	S
Child safety rear door locks	S

Passive Safety	
Energy-absorbing steering column	S
Zone Body construction with front & rear crumple zones	S
Side door guard beams	S

Active Safety	
Anti-lock Braking System (ABS)	S
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS)	S

Safety, Security and Driving Aids	S	SV	SL
Nissan Vehicle Immobilizer System		S	
Vehicle Security System (VSS)		S	
Automatic Emergency Braking (AEB)		S	
Automatic Emergency Braking with Pedestrian Detection	-	O	O
ProPILOT Assist	-	O	O
Blind Spot Warning (BSW)	-	O	S
Rear Cross Traffic Alert (RCTA)	-	O	S
Intelligent Driver Alertness (I-DA)	-	-	S
Intelligent Lane Intervention (I-LI)	-	O	O

Dimensions

Exterior			
Wheelbase	106.3 in.		
Overall Length	176.4 in.		
Overall Width	70.5 in.		
Overall Height	61.4 in.		
Track width front/rear	60.6/61.2 in.		
Ground clearance	5.9 in.		
Angle of approach	16.3°	16.7°	16.7°
Angle of departure	25.0°	25.9°	25.9°
Coefficient of drag (Cd)	0.28		

Interior		
Seating Capacity		5 passengers
Front	Headroom	41.2 in.
	Legroom	42.1 in.
	Hip room	51.7
	Shoulder room	54.3
Rear	Headroom	37.3 in.
	Legroom	33.5 in.
	Hip room	50.0 in.
	Shoulder room	52.5 in.
Passenger compartment volume		92.4 ft ³
Cargo volume	2 nd row upright	23.6 ft ³
	2 nd row folded	30.0 ft ³
Total volume		116.0 ft ³

Weights & Capacities

Weights (lbs)	S	SV	SL
Front	1,980	2,005	2,033
Rear	1,453	1,462	1,475
Total	3,433	3,468	3,508
Weight distribution (f/r)	58/42		
Gross Vehicle Weight Rating (GVWR)	4,453		

EPA Estimated Fuel Economy	
City (MPGe)	125
Highway (MPGe)	100
Combined (MPGe)	112
Classification	Midsize

Options & Packages

Options	S	SV	SL
Charge Package: Quick Charge Port, portable charge cable (120V/240V EVSE)	O	-	-
S All Weather Package: Heated front seats, heated steering wheel, heated outside mirrors, rear heater ducts	O	-	-

SV All Weather Package: Heated front seats, heated steering wheel, heated outside mirrors, rear heater ducts, hybrid heater	-	O	-
SV Technology Package: ProPILOT Assist (steering assist, Intelligent Cruise Control (ICC) with Full Speed Range and Hold, 8-way power driver's set with 2-way lumbar, auto-dimming inside mirror, HomeLink® Universal Transceiver, LED headlights, LED Signature Daytime Running Lights, portable charge cable (120V/240V EVSE), Automatic Emergency Braking with Pedestrian Detection, Blind Spot Warning (BSW), Electric Parking Brake (ePKB), High Beam Assist (HBA), Intelligent Lane Intervention (I-LI), Rear Cross Traffic Alert (RCTA)	-	O	-
SL Technology Package: ProPILOT Assist (steering assist, Intelligent Cruise Control (ICC) with Full Speed Range and Hold, Automatic Emergency Braking with Pedestrian Detection, Electric Parking Brake (ePKB), Intelligent Lane Intervention (I-LI), High Beam Assist (HBA)	-	-	O
Kick Plates: Replaces standard equipment	O	O	O
Cargo Cover: Removable cargo cover	O	O	-

1. Charging times and range estimates may vary depending on driving/charging habits, weather, temperature and battery age.
2. Projected MY19 EPA range of 150 miles. Actual range may vary based on driving conditions. Use for comparison only.
3. For complete information concerning coverage, conditions and exclusions, see your Nissan dealer and read the actual New Vehicle Limited Warranty booklet.

S – Standard

O – Optional

For Immediate Release**2019 NISSAN LEAF PLUS SPECIFICATIONS**

Specifications are based on latest product information available at the time of release

Mechanical

Mechanical and Platform	S	SV	SL
High-response 160 kW AC synchronous electric motor	S		
62 kWh laminated lithium-ion (Li-ion) battery, 288 cells	S		
214 horsepower @ TBD rpm	S		
250 lb-ft of torque @ 800 – 4,000 rpm	S		
6.6 kW onboard charger (6.0 kW output) Charging time ¹ (est.) 240V ~ 11.5 hrs Quick Charge 45 min to 80%	S	S	S
	S	S	S
Portable charge cable (120V / 240V EVSE)	S		
Range ² : EPA-estimated range – 226 miles (Battery capacity decreases with time and use. Actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age)	S		
Dedicated EV platform	S		
Battery housed in the floor for optimum vehicle packaging and weight distribution	S		
Li-ion battery pack warranty ³ – 8 years or 100,000 miles against defects; 8 years or 100,000 miles against excessive capacity loss	S		
Emissions	Tier3Bin0/CFV ZEV, ILEV (Fed), ZEV (CAL)		

Transmission and Drive System	
Drive configuration	Front-wheel drive
Transmission type	Single speed reducer
Shifter style	Shift-by-wire drive selector
Final drive ratio (:1)	8.193
Hill Start Assist	S
e-Pedal (advanced 1-pedal operation)	S
3 Drive Modes:	
Normal	S
Eco-Mode – Increased regenerative braking, assists in limiting motor output and reduces HVAC power output	S
B-mode – Engages regenerative braking more aggressively while decelerating	S

Brakes		S	SV	SL
Cooperative Regenerative brakes		Electrically-driven Intelligent Brake		
4-wheel power-assisted disc brakes		S		
	Front	11.14" x 1.1" vented disc		
	Rear	11.5" x 0.63" vented disc		
4-wheel Anti-lock Braking System (ABS)		S		
Brake Assist		S		
Electronic Brake force Distribution (EBD)		S		
Parking brake	Manual, foot pedal	S	S	S
	Electric (E-PKB)	-	O	O

Steering		S	SV	SL
Type		Vehicle-speed-sensitive electric power-steering		
Turning diameter (curb-to-curb, ft.)		34.8	36.1	36.1
Steering Wheel	3-spoke	S	S	S
	Manual tilt	S	S	S
	Leather-wrapped	-	S	S
	Heated	-	O	S
Cruise control switches		S		
Audio, Bluetooth® switches		S		
Eco-mode switch		S		

Suspension				
Front	Type	Independent MacPherson strut w/ coil springs and stabilizer bar		
Rear	Type	Torsion beam with integrated stabilizer bar		

Body/Chassis				
Type		Unibody		
Primary materials		Corrosion-resistant high strength steel		

Exterior

Wheels & Tires		S	SV	SL
Wheels				
16-inch aluminum-alloy		S	-	-
17-inch aluminum-alloy, machined finish		-	S	S
Tires				
All-season 205/55R16 Bridgestone Ecopia		S	-	-
All-season 215/50R17 Michelin Energy Saver		-	S	S
Tire repair kit – Mounted in trunk		S		

Exterior Features		S	SV	SL
Dual power remote-controlled outside mirrors		S		
Heated outside mirrors		O	O	-
Heated outside mirrors with integrated turn signals		-	-	S
Chrome outside door handles		S		
Aerodynamic underbody cover and rear diffuser		S		

Aerodynamic halogen headlights	S	S	-
Aerodynamic LED low beam headlights	-	O	S
LED Daytime Running Lights	-	O	S
Automatic on/off headlights		S	
High Beam Assist (HBA)	-	O	S
Fog lights	-	S	S
LED taillights		S	
Center high-mounted stop light		S	
Energy-absorbing body-color front and rear bumpers		S	
Rear spoiler		S	
Fixed roof antenna		S	
Charge port light and lock		S	
Quick charge port	S	S	S

Interior

Interior	S	SV	SL
5-passenger seating capacity		S	
6-way manual driver's seat	S	S	-
8-way power driver's seat (with 2-way lumbar)	-	O	S
4-way manual front passenger seat		S	
Bio Suede PET material	S	S	-
Leather-appointed seating	-	-	S
Front heated seats	O	O	S
60/40 folding rear seats		S	
Rear HVAC ducts	O	O	S
Passenger seat pockets		S	
Remote charge door release		S	
Digital meter cluster		S	
Trip computer (State of Charge percentage, instant and average energy consumption, driving time, outside temperature and autonomy range)		S	
Front and rear assist grips		S	

Audio/Navigation	S	SV	SL
AM/FM with MP3/WMA playback capability, 6 speakers, 8.0-inch color LCD display	S	S	S
Bose® Premium Audio system with 7 speakers	-	-	S
HD Radio	-	S	S
Auxiliary input jack and USB connection port for iPod® and other devices		S	
Bluetooth® Streaming Audio		S	
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)		S	
NissanConnect® featuring Apple CarPlay™ and Android Auto™	S	-	-
NissanConnect with Navigation featuring Apple CarPlay™ and Android Auto™ – with Nissan navigation system with voice guidance 8.0-inch color display with multi-touch control, Nissan	-	S	S

Voice Recognition for navigation and audio, HD Radio, SiriusXM® Satellite Radio, SiriusXM® Travel Link™ and SiriusXM® Traffic (SiriusXM® subscription required, sold separately), USB connection port for iPod interface and other compatible devices, Bluetooth® Hands-free Phone System, Streaming Audio via Bluetooth®, Hands-free Text Messaging Assistant, NissanConnect Services Powered by SiriusXM®			
NissanConnect Services Powered by SiriusXM® (SiriusXM® subscription required, sold separately)	-	S	S
NissanConnect EV (telematics) – allows remote connection to vehicle, including monitoring battery state of charge/charging status, start charging event and turn on HVAC system (no-charge subscription required)	-	S	S

Instrumentation	
Digital gauges	Battery temperature Power meter Remaining energy gauge Capacity level gauge Distance to empty display Eco indicator Outside temperature gauge ProPILOT Assist status

Convenience Features	S	SV	SL
Cruise control	S	-	-
Intelligent Cruise Control (ICC)	-	S	S
Nissan Intelligent Key™ with Push Button Start and charge port door release		S	
Power windows with driver's side one-touch auto up/down		S	
Power door locks w/auto locking system		S	
Cupholders – 2 in center console		S	
Bottle holders – 4 (door panels)		S	
Sun visors with extension		S	
Glove compartment		S	
Bluetooth® Hands-free Phone System		S	
Variable intermittent windshield wipers		S	
Rear window defroster with timer		S	
Room lamp		S	
12-volt power outlet (1 on IP)		S	
Automatic Temperature Control		S	
Heater, AC timer		S	
Charging timer – set desired charge time		S	
Center console storage		S	
Hybrid heater system – (heat pump)	-	O	S

Cargo area cover	O	O	S
Auto-dimming inside rearview mirror	-	O	S
RearView Monitor	S	S	-
Intelligent Around View® Monitor (I-AVM)	-	-	S
HomeLink® Universal Transceiver	-	O	S
Hands-free Text Messaging Assistant		S	
Rear Door Alert (RDA)		S	

Safety & Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor		S
Front seat-mounted side-impact supplemental air bags		S
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Seatbelts	3-point ALR/ELR Pretensioners Load-limiters	All (including inboard)(driver ELR only) Front Front

Child Safety	
Child seat upper tether anchor	S
Power window lockout system	S
LATCH System	S
Child safety rear door locks	S

Passive Safety	
Energy-absorbing steering column	S
Zone Body construction with front & rear crumple zones	S
Side door guard beams	S

Active Safety	
Anti-lock Braking System (ABS)	S
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS)	S

Safety, Security and Driving Aids	S	SV	SL
Nissan Vehicle Immobilizer System		S	
Vehicle Security System (VSS)		S	
Automatic Emergency Braking (AEB)		S	
Automatic Emergency Braking with Pedestrian Detection	-	O	S
ProPILOT Assist	-	O	S
Blind Spot Warning (BSW)	-	O	S
Rear Cross Traffic Alert (RCTA)	-	O	S

Intelligent Driver Alertness (I-DA)	-	-	S
Intelligent Lane Intervention (I-LI)	-	0	S

Dimensions

Exterior			
Wheelbase	106.3 in.		
Overall Length	176.4 in.		
Overall Width	70.5 in.		
Overall Height	61.4 in.		
Track width front/rear	60.6/61.2 in.		
Ground clearance	5.9 in.		
Angle of approach	16.3°	16.7°	16.7°
Angle of departure	25.0°	25.9°	25.9°
Coefficient of drag (Cd)	0.28		

Interior		
Seating Capacity		5 passengers
Front	Headroom	41.2 in.
	Legroom	42.1 in.
	Hip room	51.7
	Shoulder room	54.3
Rear	Headroom	37.3 in.
	Legroom	33.5 in.
	Hip room	50.0 in.
	Shoulder room	52.5 in.
Passenger compartment volume		92.4 ft ³
Cargo volume	2 nd row upright	23.6 ft ³
	2 nd row folded	30.0 ft ³
Total volume		116.0 ft ³

Weights & Capacities

Weights (lbs)	S	SV	SL
Front	2,131	2,151	2,173
Rear	1,649	1,659	1,681
Total	3,780	3,811	3,853
Weight distribution (f/r)	56/44		
Gross Vehicle Weight Rating (GVWR)	4,751		

EPA Estimated Fuel Economy			
City (MPGe)	TBD		
Highway (MPGe)	TBD		
Combined (MPGe)	TBD		
Classification	Midsize		

Options & Packages

Options	S	SV	SL
S All Weather Package: Heated front seats, heated steering wheel, heated outside mirrors, rear heater ducts	0	-	-

SV All Weather Package: Heated front seats, heated steering wheel, heated outside mirrors, rear heater ducts, hybrid heater	-	O	-
SV PLUS Technology Package: ProPILOT Assist (steering assist, Intelligent Cruise Control (ICC) with Full Speed Range and Hold, 8-way power driver's set with 2-way lumbar, auto-dimming inside mirror, HomeLink® Universal Transceiver, LED headlights, LED Signature Daytime Running Lights, Automatic Emergency Braking with Pedestrian Detection, Blind Spot Warning (BSW), Electric Parking Brake (ePKB), High Beam Assist (HBA), Intelligent Lane Intervention (I-LI), Rear Cross Traffic Alert (RCTA)	-	O	-
Kick Plates: Replaces standard equipment	O	O	O
Cargo Cover: Removable cargo cover	O	O	-

1. Charging times and range estimates may vary depending on driving/charging habits, weather, temperature and battery age.
2. EPA range for Nissan LEAF S PLUS only. Actual range will vary with trim levels, options and driving conditions; see Customer Disclosure Form for details.
3. The limited LEAF lithium-ion battery warranty includes coverage for defects in materials or workmanship for 8 years / 100,000 miles (whichever comes first) as well as protection against capacity loss below 9 bars of capacity (out of 12) as shown on the LEAF's capacity gauge for a period of 8 years / 100,000 miles (whichever comes first). For complete information concerning coverage, conditions and exclusions, see your Nissan dealer and read the actual New Vehicle Limited Warranty booklet.

S – Standard

O – Optional

2020 Nissan Rogue S (FWD / AWD) Line Item 6&7



INTERIOR - COMFORT / CONVENIENCE

- ✓ Advanced Drive-Assist® Display [*] [*]
- ✓ Apple CarPlay™ [*] [*]
- ✓ Android Auto™ [*] [*]
- ✓ NissanConnect® 7" touch-screen display [*]
- ✓ Hands-free Text Messaging Assistant [*]
- ✓ Bluetooth® Hands-free Phone System [*] [*]
- ✓ RearView Monitor [*]
- ✓ Air conditioning
- ✓ In-cabin microfilter
- ✓ Rear Door Alert [*]
- ✓ Rear passenger air conditioning vents
- ✓ Power windows with driver's one-touch auto-up/down feature
- ✓ Power door locks with auto-locking feature
- ✓ Integrated Key with remote keyless entry
- ✓ High Beam Assist headlights
- ✓ Tilt and telescoping steering column
- ✓ Cruise control with steering wheel-mounted switches
- ✓ Variable intermittent flat-blade windshield wipers
- ✓ Intermittent rear window wiper
- ✓ Three 12-volt DC power outlets

AUDIO / ENTERTAINMENT

- ✓ AM/FM/CD audio system
- ✓ Four speakers
- ✓ MP3/WMA CD playback capability
- ✓ Auxiliary audio input jack [*]
- ✓ Two USB ports [*]
- ✓ Bluetooth® streaming audio [*] [*]
- ✓ SiriusXM® Radio with 3-month trial subscription [*]
- ✓ Radio Data System (RDS)
- ✓ Speed-sensitive volume control
- ✓ Illuminated steering wheel-mounted audio controls



For Immediate Release

2020 Nissan Rogue Specifications

Specifications are based on the latest product information available at time of printing

Mechanical

Engine	
Name	QR25DE
Cam design	DOHC
Orientation	Transverse
Cylinders / configuration	4-cylinder / inline
Block / head composition	Aluminum / aluminum
Displacement (liters)	2.5 (2488 cc)
Horsepower	170 @ 6,000 rpm
Torque (lb-ft)	175 @ 4,400 rpm
Bore & stroke (mm)	89.0 x 100.0
Compression ratio (:1)	10.0
Spark plugs	Double-fine-tipped platinum
Maximum engine speed	6,200 rpm
Valvetrain	4 valves per cylinder with Continuously Variable Timing Control System
Induction system	Sequential multi-port electronic fuel injection
Engine mounts	2 solid, 1 electronically controlled liquid-filled
Recommended fuel	Regular unleaded
Emissions certification	Tier2-Bin5
Exhaust	Dual system with pre and main mufflers, stainless steel

Electrical	
Ignition system	Electronic (direct)
Starter	12V-1.7 kW
Alternator	110A
Battery	12 volt

Transmission and Drive System	AWD	FWD
Drive configuration	Front engine AWD	Front engine FWD
Transmission type	Xtronic with Sport and Eco Mode switches	
Gear ratios (:1)	2.631 – 0.378	
Reverse	5.604	
Final drive ratio (:1)	6.386	
2-wheel or 4-wheel limited slip (ABLS)	S	
Hill Start Assist	S	

Brakes		AWD		FWD
Front	Type	Vented disc		
	Rotor size (diameter x thickness) (in.)	11.65 x 1.02		
Rear	Type	Vented disc		
	Rotor size (diameter x thickness) (in.)	11.50 x 0.63		
Electronic Brake force Distribution (EBD)		S		
Brake Assist (BA)		S		
Anti-lock Braking System (ABS)		S		
Number of wheels/channels/sensors		4/4/4		
G-sensor for AWD		S		-
Parking brake	Foot pedal	S	S	-
	Electronic	-	O	S

Steering		S	SV	SL
Type		Electric power-assisted rack-and-pinion		
Power-assisted		S (Vehicle-speed variable assist)		
Overall ratio (:1)		17.1		
Turns (lock-to-lock)		3.0		
Turning diameter - curb-to-curb (feet)		37.6		
Steering wheel	D-shaped	S		
	Manual tilt	S		
	Manual telescope	S		
Leather-wrapped steering wheel		O	S	S
Heated steering wheel		-	O	S
Audio switches		S		
Bluetooth® HFP switches		S		

Suspension	
Front	Independent strut w/ coil springs
Stabilizer bar (23 mm)	S
Rear	Independent multi-link
Stabilizer bar (19.1 mm)	S
Twin-tube shocks	S

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant and high-strength steel

Exterior

Wheels & Tires		S	SV	SL
7.0J x 17-inch steel wheels with covers		S	-	-
7.0J x 17-inch aluminum-alloy		O	S	-
7.0J x 18-inch aluminum-alloy		-	O	-
7.0J x 19-inch aluminum-alloy		-	-	S
Tires				
225/65R17 all-season		S	S	-
225/60R18 all-season		-	O	-
225/55R19 all-season		-	-	S
Temporary spare tire	T145/90D16	FWD	FWD	-
	T155/90D17	AWD	AWD	FWD/AWD
	Location: Under cargo area floor	S	S	S
Tire Pressure Monitoring System		S (direct sensor type w/individual position monitoring)		
Easy Fill Tire Alert		S		

Exterior Features		S	SV	SL
Outside mirrors				
Type	Body-color dual folding	S		
Adjustment	Power	S		
Heated		O	S	S
Integrated LED turn signals		O	S	S
Memory adjustment		-	O	S
Bumpers, front and rear	Body-color	S		
Front and rear door handles	Black	S	-	-
Front and rear door handles	Chrome	O	S	S
Grille – black with chrome accents		S		
Front spoiler, front tire deflector		S		
Rear spoiler, rear tire deflector		S		
Under-body covers, muffler spoiler		S		
Chrome license plate finisher		S		
Windshield	Green-tinted + UV cut	S		
Front door windows		Green-tinted + UV cut		
Privacy glass	Rear, 2 nd row windows	O	S	S
Wipers				
Front variable intermittent		S		
Rear liftgate glass – fixed w/rear wiper link and wash		S		
Power Panoramic Moonroof		-	O	O
Power sliding glass (one-touch auto open/close with auto reverse)				
Roof rails		O	S	S
Black roof rails		-	O	-
Fixed cross bars		A	A	A
Roof rack capacity (pounds)		99.1		
Motion-Activated Liftgate		-	S	S

Lights		S	SV	SL
Headlights				
Type	Halogen	S	S	S
	LED	-	-	O
	Automatic on/off	S	S	S
	Daytime Running Lights	S	S	S
	High Beam Assist	S	S	S
Intelligent Auto Headlights (I-AH)		-	S	S
Front fog lights		-	A	S
Center high-mounted stop light		S		
Daytime running lights (LED)		S		
LED boomerang signature taillights		S		
Cargo area light		S		

Interior

Seating		S	SV	SL
Capacity	5-passenger	S	S	S
Materials	Premium cloth	S	S	-
	Leather-appointed	-	-	S
Front seats	Type	Bucket		

Quick Comfort™ heated driver and passenger front seats		O	S	S
Driver's seat	6-way manual adjustable	S	-	-
	Manual seat lifter	S	-	-
	8-way power adjustable	-	S	S
	Power lumbar support	-	S	S
Head restraint/headrest		S, height adjustable		
Front passenger seat	4-way manual	S		
	4-way power	-	-	S
	Fold-back	S	S	S
Driver and front passenger seatback pocket		S		
2 nd row seat	Sliding and reclining 3-passenger, split bench (40/20/40 recline with ctr pass-through, 60/40 seat slide), EZ Flex® seating system	S		

Audio, Navigation and Connectivity		S	SV	SL
Head unit and speakers				
NissanConnect® featuring Apple CarPlay® and Android Auto™, 7.0-inch color touch-screen display, AM/FM/CD w/ 4 speakers, USB/aux. input, satellite radio, Bluetooth®, smartphone connectivity		S	-	-
NissanConnect SM featuring Apple CarPlay™ and Android Auto™, 7.0-inch color touch-screen display, AM/FM/CD w/ 6 speakers, USB/aux. input, satellite radio, Bluetooth®, smartphone connectivity		-	S	-
Bose® audio system w/ CD/AM/FM w/RDS, USB/aux. input, satellite radio, 9 speakers, 7.0-inch display		-	O	S
USB Connectivity (iPod® compatible)		S		
MP3 capability		S		
Radio Data System (RDS)		S		
Speed-Sensitive Volume control (SSV)		S		
Steering wheel audio controls		S		
Streaming Audio via Bluetooth®		S		
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)		S		
Satellite radio antenna		S		
Bluetooth® Hands-free Phone System		S		
NissanConnect with Navigation featuring Apple CarPlay® and Android Auto™, Nissan Voice Recognition for navigation and audio, SiriusXM® Travel Link® & Traffic (SiriusXM® subscription required, sold separately)		-	O	-
NissanConnect with Navigation and Services powered by SiriusXM® (SiriusXM® subscription required, sold separately) featuring Apple CarPlay® and Android Auto™		-	-	S

Instrumentation	
Fine Vision electroluminescent gauges	S
Meters/Gauges	
Speedometer	Analog
Tachometer	Analog
Coolant temperature	Digital
Fuel level	Digital

Comfort & Convenience Features		S	SV	SL
12-volt outlets	Front center stack		S	
	Center console		S	
	Cargo area		S	
Assist grips	Front – fixed		2	
	Rear – fixed		2	
	Rear liftgate - inside		1	
Oversize bucket-style glove box			S	
Inside rearview mirror	Manual dimming	S	S	-
Auto-dimming inside rearview mirror with HomeLink® Universal Transceiver		-	-	S
Hands-free Text Messaging Assistant			S	
Intelligent Around View® Monitor (I-AVM)		-	0	S
RearView Monitor		S	S	-
Double map lights			S	
Mood lighting			S	
Driver's and front passenger sliding sunvisors w/vanity mirror and cover		S	-	-
Driver's and front passenger sliding sunvisors w/illum. vanity mirror and cover		-	S	S
Overhead console with sunglass holder			S	
Power windows – one-touch up/down driver's side front with auto-reverse function			S	
Retained accessory power (windows & moonroof)			S	
Power door locks w/selective unlocking and anti-lockout feature, auto-locking system			S	
Cruise control w/steering wheel-mounted controls			S	
Intelligent Cruise Control (ICC)		-	0	S
Remote keyless entry system			S	
Front seat center console			S	
Cupholders (4)			S	
Bottleholders – doors (4)			S	
Air conditioning/heater – manual temperature control		S	-	-
Dual-zone automatic temperature control (ATC)		-	S	S
2 nd row heating/air conditioning vents on center console			S	
Drive computer w/mpg, distance to empty, average speed, elapsed time, outside temp, TPMS with individual position monitoring			S	
Nissan Intelligent Key™ with Push Button Start		-	S	S

Divide-N-Hide® Cargo System	S		
Cargo area tie-down hooks (4 floor-mount)	S		
Cargo area carpeting	S		
Intelligent Trace Control (I-TC)	S		
Intelligent Engine Braking (I-EB)	S		
Intelligent Ride Control (I-RC)	S		
Remote Engine Start ¹ with Intelligent Climate Control	-	S	S
Rear Door Alert	S		
Rear Sonar System	-	S	S

Safety and Security

Passenger Restraint Systems

Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor		S
Front seat mounted side-impact supplemental air bags		S
Roof-mounted curtain side impact supplemental air bags with rollover sensor for front and rear-seat outboard occupant head protection		S
Outboard seat belts	Front	3-point (ALR/ELR for passenger, ELR for driver)
	Rear	
Center seat belts	Rear	3-point ALR/ELR
Power window lockout button		3-point ALR/ELR
Power window lockout button		S
Child restraint upper tether anchors		S
LATCH system		S
Child safety rear door locks		S

Passive Safety

Zone body construction with front and rear crumple zones Energy-absorbing steering column Hood buckling creases and safety stops Body side reinforcements Shift interlock system Vehicle Dynamic Control (VDC) Traction Control System (TCS)	S		
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Safety, Security and Driving Aids

	S	SV	SL
Tamper proof door lock key cylinder Vehicle Security System (VSS) Immobilizer	S		
Automatic Emergency Braking w/Pedestrian Detection	S		
Lane Departure Warning (LDW)	S		
Intelligent Lane Intervention (I-LI)	S		
Blind Spot Warning (BSW)	S		
Rear Cross Traffic Alert (RCTA)	S		
Rear Automatic Braking (RAB)	-	S	S
ProPILOT Assist	-	O	S

Dimensions

Exterior (inches)	AWD	FWD
Wheelbase	106.5	
Overall length	184.5	
Overall width	72.4	
Overall height w/ roof rack	68.5	68.0
Track width	FR: 62.8; RR: 62.8	
Minimum ground clearance	8.4	7.8
Coefficient of (Cd)	0.336	0.327
Angle of approach (degrees)	17.4	
Angle of departure (degrees)	25.0	
Breakover angle (degrees)	18.6	

Interior (inches)	Front	2nd row
Head room (w/out moonroof/ w/ moonroof)	41.6/39.5	38.5/36.6
Leg room	43.0	37.9
Hip room	54.0	52.1
Shoulder room	56.6	55.9

Weights		AWD			FWD		
		S	SV	SL	S	SV	SL
Curb (pounds)	Front	2,070	2,072	2,093	2,030	2,033	2,052
	Rear	1,520	1,542	1,577	1,433	1,455	1,498
	Total	3,590	3,614	3,670	3,463	3,488	3,551
Weight dist. (%)	F/R	58/42	57/43	57/43	59/41	58/42	58/42
GVWR (pounds)		4,720			4,590		

Capacities		
Fuel tank (gallons)		14.5
Engine oil (quarts)		4.9
Engine coolant (quarts)		7.1
Towing (lbs)	Trailer (when properly equip)	1,102
	Tongue	110

Volume (cubic feet)		
Passenger compartment (w/o moonroof)		105.8
Cargo	w/2 nd row seat folded down	70.0
	w/2 nd row seat upright (forward most position)	39.3
Total (w/o moonroof)		134.0

Projected Fuel Economy (Actual mileage may vary)	AWD	FWD
City/highway/combined ²	25/32/27	26/33/29
Classification	Midsize SUV	

Packages/Options	S	SV	SL
Special Edition Package (S): Privacy glass, heated outside mirrors with LED turn signal lamps, leather-wrapped steering wheel, leather-wrapped shift knob, heated driver's and front passenger seats, chrome interior door handles, chrome outside door handles, roof rails, Special Edition badge on liftgate, 17-inch aluminum-alloy wheels	O	-	-
Premium Package (SV): NissanConnect with Navigation featuring Apple CarPlay™ and Android Auto™, Nissan Door-to-Door Navigation System with 3D building graphics and satellite imagery, connected navigation features including online POI search, door-to-door navigation and online Premium Traffic Information, HD radio, SiriusXM Traffic™, SiriusXM® Travel Link (SiriusXM® subscription required, sold separately), over-the-air (OTA) updating for headunit firmware and navigation map software; Intelligent Around View® Monitor (I-AVM); heated leather-wrapped steering wheel; memory driver seat and outside mirrors; ProPILOT Assist with Intelligent Cruise Control (ICC) with Full Speed Range and steering assist; Electronic Parking Brake (replaces foot release parking brake); 18-inch aluminum-alloy wheels	-	O	-
Sun and Sound Touring Package (SV): NissanConnect with Navigation featuring Apple CarPlay™ and Android Auto™, Nissan Door-to-Door Navigation System with 3D building graphics and satellite imagery, connected navigation features including online POI search, door-to-door navigation and online Premium Traffic Information, HD radio, SiriusXM Traffic™, SiriusXM® Travel Link (SiriusXM® subscription required, sold separately), over-the-air (OTA) updating for headunit firmware and navigation map software; Intelligent Around View® Monitor (I-AVM); heated leather-wrapped steering wheel; ProPILOT Assist with Intelligent Cruise Control (ICC) with Full Speed Range and steering assist; Electronic Parking Brake (replaces foot release parking brake); 18-inch aluminum-alloy wheels; memory driver seat and outside mirrors; Power Panoramic Moonroof; Bose® Audio with nine speakers	-	O	-
Premium Package (SL): Power Panoramic Moonroof, LED headlights	-	-	O

S – Standard O – Option A – Accessory

1. State laws may apply; review local laws before using.

2. 2020 EPA fuel economy estimates for 2020 Rogue 26 mpg city or 33 mpg highway or 29 mpg combined (FWD) or 25 mpg city or 32 mpg highway or 27 mpg combined (AWD). Actual mileage may vary with driving conditions – use for comparison only.

2020 Nissan Pathfinder S (FWD / AWD)



INTERIOR - COMFORT / CONVENIENCE

- ✓ Advanced Drive-Assist® Display [*] [*]
- ✓ NissanConnect® 8" touch-screen display
- ✓ SiriusXM® Travel Link® with 3-year complimentary trial access [*] [*]
- ✓ RearView Monitor [*]
- ✓ Rear Sonar System [*]
- ✓ Push Button Ignition
- ✓ Remote keyless entry
- ✓ Bluetooth® Hands-free Phone System [*] [*]
- ✓ Tri-Zone Automatic Temperature Control System
- ✓ In-cabin microfilter
- ✓ Rear Door Alert [*]
- ✓ Power door locks with auto-locking feature
- ✓ Power windows with driver's window one-touch auto-down
- ✓ Cruise control with steering wheel-mounted controls

AUDIO / ENTERTAINMENT

- ✓ AM/FM/CD audio system with six speakers
- ✓ SiriusXM® Radio with 3-month complimentary trial access [*] [*]
- ✓ HD Radio® [*]
- ✓ MP3/WMA CD playback capability [*]
- ✓ Auxiliary audio input jack [*]
- ✓ RCA auxiliary video input jack [*]
- ✓ Six USB ports [*]
- ✓ Streaming audio via Bluetooth® wireless technology [*] [*]
- ✓ Radio Data System (RDS)
- ✓ Speed-sensitive volume control
- ✓ Illuminated steering wheel-mounted audio controls

* MY20 Specifications not yet available from manufacturer.

MY20 is a carryover from 2019 model.

For Immediate Release

2019 Nissan Pathfinder Specifications

Specifications are based on latest product information available at the time of printing

Mechanical

Engine	
Name	VQ35DD
Cam design	DOHC
Orientation	Transverse-mounted
Cylinders / configuration	60-degree V6
Block / head composition	Aluminum/aluminum
Displacement (liters / cc)	3.5L / 3498cc
Horsepower	284 @ 6,400 rpm
Torque (lb-ft)	259 @ 4,800 rpm
Bore & stroke (mm)	96 x 81
Compression ratio (:1)	11.0
Spark plugs	Iridium-tipped
Maximum engine speed	6,600 rpm
Induction system	Naturally aspirated
Fuel delivery system	Multipoint, Direct Injection Gasoline™ (DIG)
Valvetrain	DOHC, 24-valve, silent chain, single stage
Variable Valve Timing (CVTCS)	Intake e-motor/exhaust hydraulic
Engine mounts	3 liquid-filled, 1 solid, 2 torque rod
Recommended fuel	Regular unleaded
Emissions system	S, SV, SL: Tier3 Bin70/LEV3-ULEV70 Platinum: Tier3 Bin125/LEV3 ULEV125
Exhaust	Single exit/main and secondary mufflers

Electrical	
Ignition system	Electronic (direct ignition)
Starter	12 volt
Alternator	Amps 150
Battery	63Ah amp-hour rating

Transmission and Drive System		2WD	4WD
Drive configuration	Front engine	FWD	Intelligent 4WD
Transmission type		Xtronic with D-Step Logic Control	
Automatic transmission oil cooler		S	
Gear ratios (:1)		2.41 – 0.38	
Reverse		2.31	
Final drive ratio (:1)		5.25	
2-wheel or 4-wheel active brake limited slip (ABLS)		S (2-wheel)	S (4-wheel)
All-Mode 4x4-i drive selectable 2WD/Auto/4WD Lock		-	S

All information current as of February 2019 and subject to change without notice.

Vehicle Dynamic Control (VDC)	S	
Hill Start Assist	S	
Hill Descent Control	-	S

Brakes		
Front	Type	Vented Disc
Rotor size diameter and thickness (in.)		12.6 x 1.10
Rear	Type	Vented Disc
Rotor size diameter and thickness (in.)		12.13 x 0.63
Electronic Brake force Distribution (EBD)		S
Brake Assist		S
Anti-lock Braking System (ABS)		S
Number of wheels/channels/sensors		4/4/4
Parking brake	Type	Mechanical
	Location	Foot

Steering		S	SV	SL	Platinum
Type		Hydraulic electric			
Power-assist		Vehicle speed-sensitive			
Overall ratio (:1)		18.3			
Turns (lock-to-lock)		2.9			
Curb-to-curb turning diameter (ft.)		38.7			
Manual tilt/telescoping steering		S			-
Power tilt/telescoping steering		-			S
Two-driver memory		-			S
Steering wheel (4-spoke)	Urethane	S	-	-	-
	Leather-wrapped	-	S	S	S
	Audio Controls	S	S	S	S
	Heated	-	S	S	S
	Bluetooth®	S	S	S	S
	Cruise control	S	S	S	S

Suspension	
Front	Independent strut
Stabilizer bar	Solid bar (26 mm)
Rear	Multi-link
Stabilizer bar	Hollow tube (26.5 mm)
Shock absorber type	Twin tube with dual-flow path

Body/Chassis		S	SV	SL	Platinum
Type		Unibody			
Materials (primary)		Corrosion-resistant and high-strength steel			
Tow hitch – Class III		-	O	O	S
Trailer harness (7-pin pre-wire)		-	O	O	S

Exterior

Wheels & Tires	S	SV	SL	Platinum
Wheels				
18-inch aluminum-alloy (7.5J) – machine finish		S		-
Unique dark-finish 18-inch aluminum-alloy (7.5J)	-	O	O	-
20-inch aluminum-alloy (7.5J) – machine finish		-		S
Tires				
235/65R18 all-season		S		-
255/60R18 all-season	-	O	O	-
235/55R20 all-season	-	-	-	S
Temporary spare tire (under body)		T165/90D18		
Tire Pressure Monitoring System (TPMS) with Easy-Fill Tire Alert		S		

Lights	S	SV	SL	Platinum
Headlights				
Halogen	S	S	-	-
LED	-	-	S	S
Auto On/Off (ambient light sensitive, linked to front wipers)	-	S	S	S
LED Daytime Running Lights		S		
Halogen front fog lights	-	S	S	S
Side mirror-mounted turn signals		S		
Center high mount stop light, rear spoiler mounted		S		

Exterior Features	S	SV	SL	Platinum
Outside mirrors				
Type	Body color	S	S	S
	Black	-	O	O
Adjustment		Power		
Heated		-	O	S with memory
Tilt down when reversing		-		S
Integrated turn signals (on housing)		S		
Body-colored bumpers		S		
Splash guards		A	O	O
Chrome grille		S	S	S
Black mesh grille		-	O	O
Chrome front and rear door handles		S	S	S
Black front and rear door handles		-	O	O
Chrome badging		S	S	S
Black badging		-	O	O
Chrome bodyside molding		-	-	-
Front (chin) and rear (roof) spoilers		S		
UV Cut Glass Windows		S		
Privacy glass		Rear door windows, rear quarter window fixed, liftgate window		

Wipers Front Rear	Intermittent Intermittent				
		S	S – vehicle-speed sensitive		
		S			
Dual Panorama Moonroof One-touch power tilt/sliding glass w/ shade Rear roof glass with power sunshade	-	-	O	S	
Roof rack/rails – painted silver finish Roof rack/rails – black	S -	S O	S O	S -	
Roof rack/cross bars – Yakima® accessory compatible	A				
Manual opening and closing liftgate	S		-		
Motion-activated power liftgate with I- key operation and liftgate position memory	-		S		
Black molded over-fenders, black front and rear fascia accents and license plate finisher, black model and grade badges, unique badging on front doors	-	O	O	-	

Interior

Seating		S	SV	SL	Platinum
Capacity		7-passenger			
Materials	Cloth	S		-	
	Leather-appointed 1 st and 2 nd rows	-		S	
Front seats	Heated	-	O	S	S
	Heated and cooled	-	-	-	S
Driver's seat	6-way manual	S	-	-	-
	8-way power	-	S	S	S
	2-way manual lumbar	S	S	-	-
	2-way power lumbar	-	-	S	S
	2-way memory	-	-	S	S
	auto enter/exit	-	-	S	S
Passenger seat	4-way manual	S		-	
	4-way power	-		S	
Seatback pockets		Front driver and passenger seats			
2 nd Row	Type	3-passenger, 60/40 split bench, flat folding			
Adjustments	Manual reclining	S			
	Fore/aft sliding	S			
	Fold up into storage position	S			
	Nissan EZ Flex™ Seating System featuring LATCH AND GLIDE® tip-up 3 rd row access technology	S			
Center pull-down armrest		S			
Head restraints - outboard		Outboard height-adjustable, center fixed headrests			
Heated outboard		-		S	
3 rd Row	Type	50/50 split fold-flat, manual reclining Flat-folding into floor			
Head restraints		Dual height-adjustable headrests			

Unique seat inserts/badging, high-contrast stitching on seats, doors, console lid and steering wheel, premium metallic interior trim, available unique badged floor and cargo mats	-	O	O	-
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Audio, Navi & Entertainment	S	SV	SL	Platinum
Head unit and speakers				
AM/FM/CD, 6 speakers, 8.0-inch color display	S	S	S	-
Bose® Premium Audio w/13 speakers including subwoofers, 8.0-inch color touch-screen display	-	-	O	S
DVD audio/video playback	-	-	-	O
NissanConnect® with 8.0-inch color touch-screen display			S	
Voice Recognition for audio, Bluetooth® and vehicle information, including music search by voice			S	
HD Radio			S	
SiriusXM® Satellite Radio ¹			S	
SiriusXM® Travel Link™ with 3 years of service ¹			S	
Streaming Audio via Bluetooth®			S	
In-glass antenna (FM/AM)			S	
Bluetooth® Hands-free Phone System			S	
Hands-free Text Messaging Assistant			S	
NissanConnect Navigation with three years of included SiriusXM® Traffic® service ¹ , digital compass	-	O	S	S
NissanConnect Services powered by SiriusXM® ¹ with automatic collision notification, emergency call and stolen vehicle locator, customizable alerts, dealer service scheduling and maintenance alerts	-	O	S	S
Mobile entertainment system: DVD player w/ 8.0-inch rear headrest screens		-		O

Instrumentation	S	SV	SL	Platinum
Fine Vision electroluminescent meter display			S	
Advanced Drive-Assist™ Display 4.0-inch color display			S	
Meters/gauges			S	
Speedometer – MPH main, KPH sub			Analog	
Tachometer			Analog	
Coolant temperature			Analog	
Fuel level			Analog	
Twin trip odometer			LCD digital	
Clock			Digital	

All information current as of February 2019 and subject to change without notice.

Comfort & Convenience Features		S	SV	SL	Platinum
Cruise control w/ steering wheel-mounted controls		S			
Intelligent Cruise Control (ICC)		-	S	S	S
Power windows		Driver/front passenger one-touch auto up/down with auto-reverse (driver auto down only on S)			
Power door locks w/auto door lock function		Selective unlocking and anti-lockout			
Remote keyless entry system		S			
Center console with armrest		Dual-level w/2 cup holders, 12V outlet (except S)			
Overhead sunglass storage		S			
Front map lights, rear reading lights		S			
Armrests		Center console, door			
Door pockets		S			
Sun visors w/extender and vanity mirror w/extender and vanity mirror, illuminated					
		S	-		
		-	S		
Tie-down hooks	Floor-mounted	4			
	Grocery hooks	4			
Air conditioning/heater Tri-Zone Automatic Climate Control		S			
Window defogger	Front	S			
	Liftgate glass	S			
Cupholders (10) Bottle holders (6)		2 in front, 4 in 2 nd row, 4 in 3 rd row 2 in front, 4 in 2 nd row			
12V power outlets	Two	S	-	-	-
	Three	-	S	S	S
120V power outlet		-		S	
4 USB Type A charge ports – 2 in front console pocket, 2 on rear center console rear		S			
2 USB Type C charge ports		S			
Glove compartment with lock		S			
Assist grips		6 total			
Metallic instrument and door finishers with leather door trim inserts		-	-	S	-
Wood grain instrument and door finishers with leather door trim inserts		-	-	-	S
Inside rearview mirror	Man. day/night	S	-		
	Auto-dimming	-	S		
HomeLink® Universal Transceiver		-	S	S	S
RearView Monitor		S	S	-	-
Intelligent Around View® Monitor (I-AVM)		-	-	S	S
Remote keyless entry with push button ignition		S	-		
Nissan Intelligent Key® with programmable settings		-	S		

Rear Sonar System	S			
Storage compartment under cargo floor	S			
Illuminated kickplates	-	-	0	-
Rear reading lamps	S			
Remote Engine Start ²	-	S		
Rear Door Alert (RDA) ³	S			

Safety and Security

Passenger Restraint Systems	
Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor	S
Front seat-mounted side-impact supplemental air bags	S
Roof-mounted curtain side-impact supplemental air bags with rollover sensor for outboard occupant head protection for all three rows	S
Outboard seat belts Front	3-point height-adjusting w/pre-tensioners and load limiters 3-point LH/RH w/ ALR/ELR
2 nd Row & 3 rd Row	
Center seat belts Rear	3-point ALR/ELR
Child seat tether anchors – four	S
LATCH system	
Child safety rear door locks	

Passive Safety	
Energy-absorbing steering column	S
Zone body construction with front and rear crumple zones	
Side-door guard beams	
Shift Interlock System	

Safety and Security Features	S	SV	SL	Platinum
Immobilizer	S			
Vehicle security system with alarm				
Blind Spot Warning (BSW) and Rear Cross Traffic Alert (RCTA)	-	S		
Automatic Emergency Braking (AEB)	S			

Dimensions

Exterior (inches)		S	SV	SL	Platinum
Wheelbase			114.2		
Overall length			198.5		
Overall width			77.3		
Overall height			69.5 (70.6 with roof rails)		
Track width	Front		65.7		
	Rear		65.7		
Minimum ground clearance			7.0		
Cargo liftover height			31.5		
Step-in height	Front		19.0		
	Rear		20.8		
Angle of approach			16.5 degrees		
Angle of departure			20.2 degrees; 20.2 degrees (with tow hitch)		
Ramp angle			16.2 degrees		
Coefficient of drag (Cd)			0.335		

Interior (inches)		Front	2nd Row	3rd Row
Head room	w/o moonroof	42.2	39.4	37.8
	w/ moonroof	41.1	38.5	36.5
Leg room		42.3	41.7	30.7
Hip room		56.8	56.0	42.0
Shoulder room		60.9	60.4	57.1

Weights (pounds)		S	SV	SL	Platinum
Curb (lbs) – Front	2WD	2,440	2,449	2,465	2,495
	4WD	2,497	2,506	2,522	2,547
Curb (lbs) – Rear	2WD	1,853	1,858	1,883	2,030
	4WD	1,936	1,942	1,967	2,115
Curb (lbs) – Total	2WD	4,293	4,308	4,349	4,525
	4WD	4,433	4,448	4,489	4,662
Weight distribution (%) Front/Rear	2WD	57/43	57/43	57/43	55/45
	4WD	56/44	56/44	56/44	55/45
GVWR (lbs)	2WD	5,985			
	4WD	5,985			

Capacities	S	SV	SL	Platinum
Fuel (gallons)		19.5		
Oil (quarts)		4.75		
Coolant (gallons)		2.5		
Towing (lbs) (Max. cap. properly equip.)		6,000 pounds		

Volume (cubic feet)	
Total interior volume	154.0
Cargo volume	16.2 (2 nd and 3 rd rows upright) 47.4 (2 nd row upright, 3 rd row folded) 79.5 (2 nd and 3 rd rows folded)

EPA Fuel Economy Estimates (Actual mileage may vary)		
City (estimated)	2WD	20
	4WD	19
Highway (estimated)	2WD	27
	4WD	26
Combined (estimated)	2WD	23
	4WD	22 (21 Platinum)
Classification		Sport Utility Vehicle

Options	S	SV	SL	Platinum
Nissan Mobile Entertainment System Package: Dual 8.0-inch headrest DVD Family Entertainment System with rear seat wireless headphones (2), wireless remote control, USB, HDMI, rear headphone jacks with volume control	-	-	-	O
Rock Creek Edition: Unique dark 18-inch wheels with unique all-season tires (255/60R18); black mesh grille; black roof rails; black door handles and outside rearview mirrors; black front and rear fascia accents and license plate finisher; black molded overfenders; black model, grade and 4WD badges (if so equipped); unique badging on front doors; unique Rock Creek Edition two-tone seating surfaces and badging; high contrast stitching on seat, door, console lid and steering wheel; premium metallic interior trim, trailer tow hitch and harness; splash guards	-	O	O	-
SV Rock Creek Edition Technology Package: NissanConnect with Navigation and Services, SiriusXM® Traffic, NissanConnect Services powered by SiriusXM® ¹ (SiriusXM subscription required, sold separately); heated cloth front seats; heated steering wheel; heated outside rearview mirrors	-	O	-	-
SL Rock Creek Edition Premium Package: Bose® 13-speaker Premium Audio System; Power Panorama Moonroof with one-touch tilt/open/close controls (front), sunshade, rear roof glass with power sunshade	-	-	O	-

S – Standard

O – Optional

1. SiriusXM® subscription required, sold separately (after applicable introductory period).

2. State laws may apply; review local laws before using.

3. Rear Door Alert is intended to remind people to check the back seats of their vehicle under certain circumstances. It cannot prevent accidents caused by inattention or carelessness.

2/19



2019 Nissan NV200 Compact Cargo Specifications

Specifications are based on latest product information available at the time of printing

Mechanical

Engine	
Name	MR20DE
Cam design	DOHC
Orientation	Transverse mounted
Cylinders / configuration	Inline 4-cylinder
Block / head composition	Aluminum/aluminum
Displacement (liters)	2.0L
Horsepower	131 @ 5,600 rpm
Torque (lb-ft)	139 @ 4,800 rpm
Bore & stroke (mm)	84 x 90.1
Compression ratio (:1)	9.7
Spark plugs	Iridium-tipped
Maximum engine speed	6,400 rpm
Induction system	Naturally aspirated
Valvetrain	DOHC, Silent Chain, 4-Valves per Cylinder
Engine mounts	Solid (2), liquid-filled (1), rubber w/integrated anti-torque rod (2)
Recommended fuel	Regular unleaded
Emissions system	LEV2-LEV (Cal), Tier2 (B5)(FED)
Exhaust	Single system with center and main mufflers

Electrical

Ignition system	Electronic (direct ignition)
Starter	12 volt
Alternator	Amps 150
Battery	49 Amp/hour

Transmission and Drive System

Drive configuration	Front-wheel drive
Transmission type	Xtronic
Gear ratios	
CVT range	2.349 - 0.394
Reverse	1.75
Final drive ratio (:1)	5.407
Hill Start Assist	S

Brakes		
Front	Type	Vented disc
Rotor size diameter and thickness (in.)		11.14 x 1.10
Rear	Type	Drum
	Size (in.)	9.0
Audible Brake Pad Wear Indicators		S
Brake Assist		S
Electronic Brake force Distribution (EBD)		S
Anti-lock Braking System (ABS)		S
Number of wheels/channels/sensors		4/4/4
Parking brake	Type	Mechanical (drum in rear)
	Location	Hand brake in center console

Steering		S	SV
Type		Electric power-assisted steering, engine speed variable assist	
Overall ratio (:1)		18.3	
Turns (lock-to-lock)		3.25	
Curb-to-curb turning diameter (ft.)		36.7	
Steering wheel	3-spoke	S	S
	Urethane	S	S
	Bluetooth®	S	S
	Audio	S	S
	Cruise control	O	S

Suspension	
Front	Independent strut (twin tube)
Stabilizer bar	S
Rear	Multi-leaf with solid axle, twin tube shocks

Body / Chassis		S	SV
Type		Unibody	
Materials (primary)		Corrosion-resistant and high-strength steel	
Cargo area tie-down points – in floor		-	S (6 D-rings)
Interior cargo area mounting points – body side		20 (for cargo area customization)	

Exterior

Wheels & Tires		S	SV
Wheels			
15-inch steel (5.5JJx15)		S	-
15-inch steel with covers (5.5JJx15)		-	S
Tires			
185/60R15 all-season		S	
Tire Pressure Monitoring System (TPMS)		S	
Spare tire		Full size tire (185/60R15), steel wheel	
Location		Under rear cargo area	

Lights	
Headlights	Multi-reflector halogen
Daytime Running Lights (DRL)	S
Center high mount stop light	S

Exterior Features		S	SV
Outside mirrors			
	Folding	S	S
	Black	S	-
	Body-color	-	S
	Integrated spotter mirrors (wide angle)	S	S
Adjustment		Manual	Power
Heated		-	S
Bumpers	Black	S	S
	Body-color	-	S
Splash guards		Accessory	
Door handles	Black	S	
Grille	Silver	S	-
	Chrome	-	S
Dual sliding doors		S	
Right hand sliding door glass		O	
Rear 40/60 split French doors		S	
Rear door windows w/privacy glass		O	
Wipers Variable intermittent		S	
Integrated roof rack mounting points		6	

Interior

Seating and Cargo Area		S	SV
Capacity		2-passenger	
Materials	Cloth with outboard vinyl wear patches	S	
Front seats	Type	Bucket	
Driver and passenger front door map pockets		S	
Driver's seat	6-way manual	S	
	w/armrest	S	
	Manual lumbar	S	
Passenger seat	4-way manual	S	
	Fold-flat	S	
Cargo floor covering		TPO (Thermoplastic PolyOlefin)	
Cargo area tie-down hooks – 6 floor-mounted D-rings		-	S

Audio and Navigation	S	SV
Head unit and speakers		
2-Din AM/FM/CD/MP3 w/Aux, 2 speakers	S	
Radio Data System (RDS)	O	
MP3/WMA playback	O	
5.0-inch color display audio system	S	
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	-	O
Bluetooth® Hands-free Phone System	S	
Streaming Audio via Bluetooth®	S	
USB connection port for iPod® interface and other compatible devices		
Hands-free Text Messaging Assistant	S	
NissanConnectSM with Navigation and Mobile Apps, Nissan Navigation System with Voice Guidance, 5.8-inch color touch-screen display, Nissan Voice Recognition for navigation and audio, SiriusXM® Satellite Radio, SiriusXM® Traffic and SiriusXM® Travel Link™ (SiriusXM® subscription required, sold separately)	-	O

Instrumentation	
Meters/gauges	
Speedometer – MPH main, KPH sub	Analog
Tachometer	Analog
Fuel level	Digital
Adjustable illumination	Standard
Outside temperature	Standard

Comfort and Convenience Features	S	SV
Cruise control w/ steering mounted controls	O	S
Power windows – Driver/front passenger's one-touch auto up/down with auto reverse	S	
Power door locks selective unlocking and anti-lockout	S	
RearView Monitor	S	
Remote keyless entry system	-	S
Center console: dual level w/12-volt outlet, tissue box and pen holders	S	
Rear 12-volt outlet	-	S
Map lights – 2 front	S	
Sun visors – Driver and passenger side	S	
Air conditioning/heater – manual temp control	S	
Front window defogger	S	
Rear door glass defroster	O	

Cup holders	2 in center console	S
Glove box		S
Recessed storage area on upper instrument panel		S
Inside rearview mirror	Man. day/night	O
Rear Sonar Sensors		O

Safety and Security

Passenger Restraint System		
Air bags	Dual-stage front	S
Dr & fr pass seat-mounted side-impact		S
Roof-mounted curtain side-impact		S
Outboard seat belts	Front	3-point w/pre-tensioners and load limiters; driver's side height-adjustable

Passive and Active Safety		
Energy-absorbing steering column		S
Zone body construction with front crumple zones and rear crumple zone		S
Side door guard beams		S
Shift Interlock System		S
Tire Pressure Monitoring System (TPMS)		S

Safety & Security Systems		
Immobilizer		S
Steering wheel locks when key is removed		S
Vehicle Dynamic Control (VDC)		S
Traction Control System		S

Dimensions

Exterior (inches)		
Wheelbase		115.2
Overall length		186.3
Overall width		68.1
Overall height		73.7
Track width	Front	60.0
	Rear	59.8
Minimum ground clearance (stationary)		6.4 front / 6.1 rear
Cargo area liftover height		21.1
Step-in height	Front	14.8
	Rear	19.2
Coefficient of drag		0.31
Approach angle		17.3°
Departure angle		24.8°
Breakover angle		18.0°

Interior (inches)	
Head room	41.7
Leg room	42.6
Hip room	51.3
Shoulder room	54.1

Cargo Area Dimensions (inches)	
Maximum length	82.8
Maximum width	54.8
Maximum width between rear wheel houses	48.0
Maximum height	53.0

Weight		S	SV
Curb (lbs)	Front	1,997	2,001
Curb (lbs)	Rear	1,274	1,276
Curb (lbs)	Total	3,271	3,273
Weight distribution (%) Front/Rear		61/39	
GVWR (lbs)		4,773	

Capacities		S	SV
Fuel (gallons)		14.5	
Oil (quarts)		4.5	
Coolant (quarts)		8.0	
Payload (lbs)		1,502	1,496

Volume (cubic feet)	
Total volume	178.3
Interior (passenger) volume	55.6
Cargo volume	122.7

EPA Fuel Economy <i>(Actual mileage may vary)</i>	
City	24
Highway	26
Combined	25
EPA Classification	Conventional Van

Options	S	SV
Back Door Glass Package: Back door glass w/privacy glass, interior rearview mirror, back door glass defroster	O	O
Cruise Control Package: Cruise control w/steering wheel controls	O	-
Navigation Package: NissanConnect with Navigation and Mobile Apps, Nissan Navigation System with Voice Guidance, 5.8-inch color touch-screen display, Nissan Voice Recognition for navigation and audio, SiriusXM® Satellite Radio, SiriusXM® Traffic and SiriusXM® Travel Link™ (SiriusXM® subscription required, sold separately)	-	O
Sliding Door Glass Package (Pass Side): Passenger side sliding door glass with wire mesh, back door glass with wire mess, back door glass defroster, interior rearview mirror	O	O
Rear Sonar System: Rear sonar sensors, molded-in black color sensors	O	O

S – Standard

O – Optional

5 YEAR
NEW VEHICLE
LIMITED WARRANTY

60,000

5 YEARS

7 YEARS

7 YEAR
ANTI-PERFORATION
WARRANTY

UNLIMITED

10 YEARS

10 YEAR
POWERTRAIN
LIMITED WARRANTY*

100,000

HYBRID BATTERY
WARRANTY*



LIFETIME



Assurance

AMERICA'S BEST WARRANTY



Summary of Warranty Coverage*	
	0 miles 90,000 miles
Basic Coverage	36 months / 36,000 miles
Corrosion Coverage (Perforation)	60 months / unlimited mileage
Powertrain Coverage	60 months / 60,000 miles
Federal Emission Performance	24 months / 24,000 miles
Federal Emission Defect	36 months / 36,000 miles
Federal Emission Long Term Defect	96 months / 80,000 miles
California Emission Performance	36 months / 50,000 miles**
California Emission Defect	36 months / 50,000 miles**
California Emission Long Term Defect	84 months / 70,000 miles**
Seat Belt	120 months/unlimited mileage

Commercial Vehicle Warranty - NV200 Compact Cargo Van

Summary of Warranty Coverage*	
	0 miles 100,000 miles
Basic Coverage	60 months / 100,000 miles
Corrosion Coverage (Perforation)	60 months / unlimited mileage
Powertrain Coverage	60 months / 100,000 miles
Federal Emission Performance	60 months/50,000 miles
Federal Emission Defect	60 months/50,000 miles
California Emission Performance	36 months / 50,000 miles
California Emission Defect	36 months / 50,000 miles
California Emission Long Term Defect	84 months / 70,000 miles
Seat Belt	120 months / unlimited mileage



2020 Accent Specifications

Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

ENGINE

1.6L

Type	Smartstream G1.6 DPI DOHC 16-valve Transverse-mounted Inline 4-cylinder
Materials	Aluminum block and head
Bore & stroke (mm)	75.6 x 89
Compression ratio	11.2 : 1
Displacement	1.6 liters / 1,591 cc
Horsepower	120 @ 6,300 rpm
Torque (lb-ft)	113 @ 4,850
Valves per cylinder	4

TRANSMISSION		SE	SEL	Limited
Drive Type		FWD		
Transmission Type	Six-speed manual	S	-	-
	Smartstream Intelligent Variable Transmission (IVT)	O	S	S
Gear Ratios		MT		IVT
First		3.769		0.385 ~ 2.680
Second		2.045		-
Third		1.370		-
Fourth		1.036		-
Fifth		0.893		-



Sixth		0.727		-
Reverse		3.700		2.822 ~ 1.822
Final		4.059		5.452
SUSPENSION		SE	SEL	Limited
Front		MacPherson Strut with coil springs with twin tube gas shock absorber with 22.2 mm stabilizer bar		
Rear		Coupled torsion beam axle with twin tube shock absorber		
STEERING		SE	SEL	Limited
Type		Motor Driven Power Steering (MDPS) Rack and pinion steering		
Overall Ratio		14.9 @ 360deg		
Turns, lock to lock		2.8		
Turning Diameter (curb to curb, ft.)		33.46		
BRAKES/TIRES/WHEELS		SE	SEL	Limited
Front		Ventilated Disc		
		11.0"		
Rear	Drum	S	-	-
	Disc	-	S	S
ABS w/ Electronic Brake-Force Distribution		S		
Wheels	5.5J x 15 Steel	S	-	-
	5.5J x 15 Alloy	-	S	-
	6.5J x 17 Alloy	-	-	S
Tires	185/65R15	S	S	-
	205/45R17	-	-	S
EXTERIOR DIMENSIONS (in)		SE	SEL	Limited
Wheelbase		101.6		
Overall length		172.6		



Overall width (excludes mirrors)		68.1		
Overall height		57.1		
INTERIOR DIMENSIONS (in)		SE	SEL	Limited
Head room (front/rear)		38.9/37.3		
Leg room (front/rear)		42.1/33.5		
Shoulder room (front/rear)		54.2/53.7		
Hip room (front/rear)		51.7/50.8		
WEIGHTS		SE	SEL	Limited
Curb Weight	MT	2,502	-	-
	IVT	2,623	2,623	2,701
GVWR (lbs)	MT	3,439		
	IVT	3,638		
CAPACITIES		SE	SEL	Limited
Fuel		11.9 gallons		
VOLUME (cubic ft)		SE	SEL	Limited
Passenger		90.2		
Luggage		13.7		
Total		103.9		
FUEL ECONOMY		SE	SEL	Limited
City/Highway/Combined MT		29 / 39 / 33		
City/Highway/Combined IVT		33 / 41 / 36		



2020 Accent Features

Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

MECHANICAL FEATURES			
ENGINE	SE	SEL	Limited
Type	4-cylinder		
Displacement (liters)	1.6		
Horsepower @ RPM	120 @ 6,300 rpm		
Torque (lb.-ft. @ RPM)	113 @ 4,850		
Compression ratio	11.2:1		
DRIVETRAIN/ TRANSMISSION	SE	SEL	Limited
Front Wheel Drive (FWD)	S		
6-speed manual transmission	S	-	-
Smartstream Intelligent Variable Transmission (IVT)	O	S	S
BODY/SUSPENSION/ CHASSIS	SE	SEL	Limited
Body type: 4-door	S		
Body construction: Unibody	S		
Front suspension: MacPherson Strut with coil springs and gas shock absorbers	S		
Rear suspension: Torsion axle with coil springs and twin tube shock absorbers	S		



Motor Driven Power Steering (MDPS) Rack and pinion steering	S		
185/65R15 tires	S	S	-
205/45R17 tires	-	-	S
SAFETY FEATURES	SE	SEL	Limited
Forward Collision-Avoidance Assist	-	-	S
Driver's blind spot mirror	-	S	S
Rearview camera with dynamic guidelines	S		
Vehicle Stability Management (VSM) system	S		
Electronic Stability Control (ESC)	S		
Traction Control System (TCS)	S		
4-wheel, 4-channel Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD) and Brake Assist (BA)	S		
Hillstart Assist Control (HAC)	O	S	S
Occupant Classification System (OCS)	S		
Driver and front passenger advanced airbags (SRS) (2)	S		
Driver and front passenger seat-mounted side-impact airbags (SRS) (2)	S		



Tire Pressure Monitoring System (TPMS)		S		
Front seatbelt pretensioners		S		
LATCH (Lower Anchors and Tethers for Children)		S		
Active front head restraints		S		
Front and rear crumple zones		S		
Child safety locks (rear)		S		
Emergency trunk release (locate in trunk)		S		
EXTERIOR FEATURES		SE	SEL	Limited
Bodycolor dual power, manual-folding side mirrors		S		
Heated bodycolor outside mirrors		-	S	S
Side mirror turn-signal indicators		-	-	S
Chrome surround front grille w/ chrome highlighted slats		S	S	S
Chrome beltline molding		-	S	S
Tinted glass		S		
Door Handles	Bodycolor	S	S	-
	Chrome	-	-	S
LED Headlights		-	-	S
LED Daytime Running Lights		-	-	S
LED Taillights		-	-	S



Automatic headlight control	-	S	S
Fog lights	-	S	S
Hood insulator	S		
Hands-free smart trunk with auto open	-	-	S
Sunroof: power glass – tilt and slide, safety one-touch	-	-	S
INTERIOR FEATURES	SE	SEL	Limited
Passenger Capacity	5		
Air conditioning	S		
Power windows and door locks	S		
Driver's auto-up window	-	S	S
One-touch triple turn signal	S		
6-way adjustable driver seat including height adjustment	S		
Sliding center armrest with storage compartment	-	S	S
Passenger seatback pocket	S		
Front & rear door map pocket	S		
60/40 split fold-down rear seatback	S		
Cloth seating	S		
Heated front seats	-	-	S
Center-stack-mounted 12-volt outlet	S		
Front cupholders	S		



Dual vanity mirrors Sliding sunvisors	S		
Front door storage compartments	S		
Tilt steering wheel	S	-	-
Tilt-and-telescopic steering wheel	-	S	S
Trip computer	S		
Exterior temperature display	S	S	S
Remote Keyless Entry System with panic alert	S	S	-
Proximity key with push button start	-	-	S
Automatic temperature control w/ auto defogger	-	-	S
Bluetooth® hands-free phone system	S	-	-
Bluetooth® hands-free phone system w/ voice recognition	-	S	S
Leather-wrapped steering wheel and shift knob	-	-	S
Steering-wheel-mounted cruise controls	S		
Steering-wheel-mounted audio and Bluetooth® controls	S		
Smartphone/USB and auxiliary input jacks	S		
Dual USB Charging	-	S	S
Audio 4.0B AM/FM/CD/MP3 audio system w/ 5 inch color touchscreen and 4 speakers	S	-	-



7 inch touchscreen display audio system, AM/FM/SiriusXM w/ Android Auto & Apple Carplay capability and 6 speakers	-	S	S
Blue Link® Connected Services 3-years Standard	-	-	S



Interior Features

Air conditioning

Dual automatic temperature control with CleanAir Ionizer and Auto Defogging System

Power windows with driver's auto-down, front illuminated power-window switches

Power door locks

6-way driver seat with seat height adjustment for both driver and passenger

Premium cloth seating

60/40 split fold-down rear seatback

Console storage box with sliding cover

Center armrest storage

Front and rear-door map pocket

Illuminated ignition

Tilt-and-telescopic steering wheel

Steering-wheel-mounted audio, Bluetooth*

Remote keyless entry system with alarm

Bluetooth* hands-free phone system

Smartphone/USB and auxiliary input jacks

AM/FM/MP3 audio system with 6 speakers

5-inch display audio system with high-resolution touchscreen

3.5-inch TFT monochromatic cluster display

Multifunction trip computer

Exterior Features

Dual fold-away power bodycolor side mirrors

Chrome front grille

Solar control glass

Variable intermittent windshield wipers/washer

Projector headlights

Daytime Running Lights

2020 Elantra Specifications

Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

ENGINE

2.0L (SE/SEL/Value Edition/Limited)

Type	Nu 2.0 MPI Atkinson 4-cylinder, DOHC Dual Continuously Variable Valve Timing (D-CVVT)
Materials	Aluminum block and head
Bore & stroke (mm)	81 X 97
Compression ratio	12.5:1
Displacement	2.0 liters / 1,999 cc
Horsepower	147 @ 6,200 rpm
Torque (lb-ft)	132 @ 4,500 rpm
Valves per cylinder	4

1.4T (Eco)

Type	KAPPA 1.4 Turbo GDI 4-cylinder, DOHC
Materials	Aluminum block and head
Bore & stroke	71.6 x 84
Compression ratio	10.0:1
Displacement	1.4 liters / 1,353cc
Horsepower	128 @ 5500
Torque (lb-ft)	156 @ 1400~3700
Valves per cylinder	4

1.6T (Sport)

Type	GAMMA 1.6 Turbo GDI 4-cylinder, DOHC
Materials	Aluminum block and head
Bore & stroke (mm)	77 x 85.44
Compression ratio	9.5:1

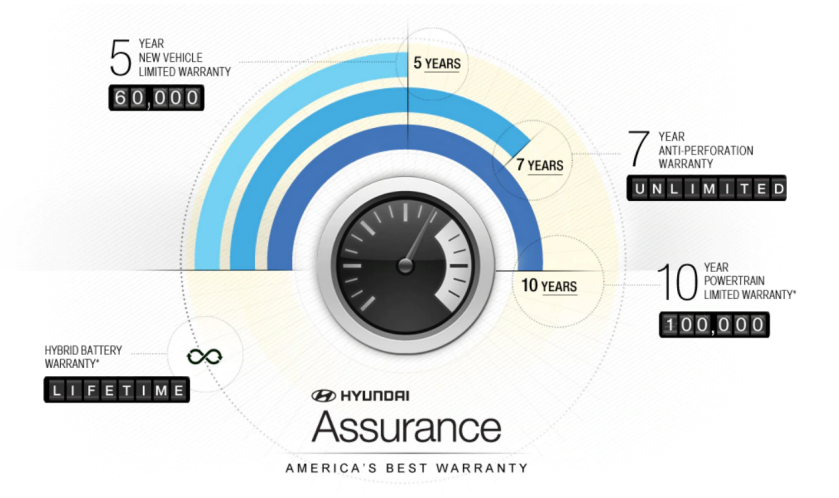
Displacement		1.6 liters / 1,591cc					
Horsepower		201 @ 6000					
Torque (lb-ft)		195@ 1500~4500					
Valves per cylinder		4					
TRANSMISSION		SE	SEL	Value Edition	Limited	Eco	Sport
Drive Type		FWD					
Transmission Type	Smartstream Intelligent Variable Transmission (IVT)	S	S	S	S	-	-
	7-speed DCT Dry-Type Diaphragm Spring double-disc	-	-	-	-	S	S
SHIFTRONIC™ manual shift mode		-	-	-	-	S	S + Paddle Shifters
GEAR RATIOS		SE	SEL	Value Edition	Limited	Eco	Sport
IVT		2.680 ~ 0.385	2.680 ~ 0.385	2.680 ~ 0.385	2.680 ~ 0.385	-	-
DCT	First	-	-	-	-	3.813	3.643
	Second	-	-	-	-	2.261	2.174
	Third	-	-	-	-	1.957	1.826
	Fourth	-	-	-	-	1.073	1.024
	Fifth	-	-	-	-	0.837	0.809
	Sixth	-	-	-	-	0.878	0.854
	Seventh	-	-	-	-	0.721	0.717
	Reverse	-	-	-	-	5.101	4.696

Final			4.892	4.892	4.892	4.892	FGR1: 4.125 FGR2: 3.611	FGR1: 4.643 FGR12: 3.611
SUSPENSION			SE	SEL	Value Edition	Limited	Eco	Sport
Front	Type		MacPherson strut with coil springs,hydraulic twin-tube shock absorber					
	Stabilizer Bar		22 mm					24 mm
Rear	Type	Coupled Torsion Beam Axle	S	S	S	S	S	-
		Multi-link Independent	-	-	-	-	-	S
			with coil springs and gas-filled, hydraulic monotube shock absorbers					
	Stabilizer Bar		-	-	-	-	-	TBD
STEERING			SE	SEL	Value Edition	Limited	Eco	Sport
Type			Motor Driven Power Steering (MDPS) Rack and pinion steering					
Overall Ratio			12.7:1					
Turns, lock to lock			2.44					
Turning Diameter (curb to curb, ft.)			34.78					
BRAKES/TIRES/WHEELS			SE	SEL	Value Edition	Limited	Eco	Sport
Front			Ventilated Disc					
			11.0"					12.0"
Rear			Drum 8.0"	Solid Disc 10.3"	Solid Disc 10.3"	Solid Disc 10.3"	Drum 8.0"	Solid Disc 10.3"
ABS w/ Electronic Force Distribution			S					
Wheels	15 x 6.0J Steel		S	-	-	-	-	-

	15 x 6.0J Alloy	-	-	-	-	S	-
	16 x 6.5J Alloy	-	S	S	-	-	-
	17 x 7.0J Alloy	-	-	-	S	-	-
	18 x 7.5J Alloy	-	-	-	-	-	S
Tires	P195/65 R15	S	-	-	-	S	-
	P205/55 R16	-	S	S	-	-	-
	P225/45 R17	-	-	-	S	-	-
	P225/40 R18	-	-	-	-	-	S
EXTERIOR DIMENSIONS (in)		SE	SEL	Value Edition	Limited	Eco	Sport
Wheelbase		106.3					
Overall length		181.9					
Overall width		70.9					
Overall height		56.5					
Track Width (front/rear) – 15"		61.5/61.9	-	-	-	61.5/61.9	-
Track Width (front/rear) – 16"		61.2/61.6	61.2/61.6	61.2/61.6	-	-	-
Track Width (front/rear) – 17"		-	-	-	61.0/61.3	-	-
Track Width (front/rear) – 18"		-	-	-	-	-	60.8/61.4
Minimum Ground Clearance		5.3	5.3	5.3	5.3	5.3	5.5
Coefficient of Drag (Cd)		0.27	0.27	0.27	0.27	0.27	0.31
INTERIOR DIMENSIONS (in)		SE	SEL	Value Edition	Limited	Eco	Sport
Head room (front/rear)		40.3 (38.8 w/ sunroof) / 37.3					
Leg room (front/rear)		42.2/35.7					
Shoulder room (front/rear)		56.2/55.3					
Hip room (front/rear)		53.4/51.9					
WEIGHTS		SE	SEL	Value Edition	Limited	Eco	Sport
Curb Weight	IVT	2,844	2,844	2,844	2,844	-	-
	DCT	-	-	-	-	2,857	3,131 –

							3,153
GVWR (lbs)	3,924	3,924	3,924	3,924	3,880 (7DCT)		4,057
CAPACITIES	SE	SEL	Value Edition	Limited	Eco		Sport
Fuel	14.0 gallons						
VOLUME (cubic ft)	SE	SEL	Value Edition	Limited	Eco		Sport
Passenger	95.8						
Cargo capacity	14.4						
Total interior	110.2						
FUEL ECONOMY	SE	SEL	Value Edition	Limited	Eco		Sport
City/Highway/Combined	31/41/35	30/40/34	30/40/34	30/40/34	33/41/36		26/33/29

2020 Hyundai Sonata SE



10-YEAR/100,000-MILE POWERTRAIN WARRANTY*	5-YEAR/60,000-MILE NEW VEHICLE LIMITED WARRANTY	7-YEAR/UNLIMITED MILES ANTI-PERFORATION WARRANTY	5-YEAR/UNLIMITED MILES 24-HOUR ROADSIDE ASSISTANCE
12-MONTH/12,000-MILE REPLACEMENT PARTS AND ACCESSORIES LIMITED WARRANTY	7-YEAR/70,000-MILE CALIFORNIA EMISSION CONTROL SYSTEMS WARRANTY	8-YEAR/80,000-MILE FEDERAL EMISSION DEFECT & PERFORMANCE WARRANTY	LIFETIME HYBRID BATTERY WARRANTY*

2020 Sonata Specifications

Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

ENGINE

Smartstream G2.5 GDI (SE/SEL)

Type	GDI DOHC 16-valve Inline 4-cylinder
Materials	Aluminum block and head
Bore & stroke (mm)	88.5 x 101.5
Compression ratio	13.0 : 1
Displacement	2.5 liters / 2,497
Horsepower	191 @ 6100 rpm (est.)
Torque (lb.-ft.)	181 @ 4000 rpm (est.)
Valves per cylinder	4

Smartstream G1.6 T-GDI (SEL Plus/Limited)

Type	Turbo-GDI DOHC 16-valve Inline 4-cylinder
Materials	Aluminum block and head
Bore & stroke (mm)	75.6 X 89
Compression ratio	10.5 : 1
Displacement	1.6 liters / 1,598 cc
Horsepower	180 @ 5500 rpm (est.)
Torque (lb.-ft.)	195 @ 1500-4500 rpm (est.)
Valves per cylinder	4

TRANSMISSION

SE

SEL

SEL Plus

Limited

Drive Type	FWD	S
Transmission Type	8-speed Automatic	

Gear Ratios

First	4.717
-------	-------

Second		2.906			
Third		1.864			
Fourth		1.423			
Fifth		1.224			
Sixth		1			
Seventh		0.79			
Eighth		0.635			
Reverse		3.239			
Final		3.320			
SUSPENSION		SE	SEL	SEL Plus	Limited
Front	Type	MacPherson strut with coil springs			
Rear	Type	Multi-link Independent			
STEERING		SE	SEL	SEL Plus	Limited
Type		Column-Mounted Motor Driven Power Steering (MDPS)			
Overall Ratio		13.27	13.27	13.27	13.27
Turns, lock to lock		2.6	2.6	2.6	2.6
Turning diameter (curb to curb, in feet)		17.9			
BRAKES/TIRES/WHEELS		SE	SEL	SEL Plus	Limited
Front	Type	Ventilated Disc			
	Size	12.0"	12.8"	12.8"	12.8"
Rear	Type	Solid Disc			
	Size	11.8"	11.8"	TBD	TBD
ABS w/ Electronic Force Distribution		S			
Tires		205/65R16	215/55R17	235/45R18	235/45R18
Wheels	16 x 6.5J Aluminum Alloys	S	-	-	-

	17 X 7.5J Aluminum Alloys	-	S	-	-
	18 x 7.5J Aluminum Alloys	-	-	S	S
EXTERIOR DIMENSIONS (in)		SE	SEL	SEL Plus	Limited
Wheelbase		111.8			
Length		192.9			
Width		73.2			
Height		56.9			
INTERIOR DIMENSIONS (in)		SE	SEL	SEL Plus	Limited
Head room (front (w/sunroof) / 2nd row (w/sunroof))		40.0 (38.4) / 37.8 (37.4)			
Leg room (front / 2 nd row)		46.1 / 34.8			
Shoulder room (front / 2 nd row)		57.9 / 56.1			
Hip room (front / 2 nd row)		54.6 / 54.4			
WEIGHTS		SE	SEL	SEL Plus	Limited
Curb Weight FWD/AWD (lbs.)		TBD			
GVWR FWD/AWD (lbs.)		TBD			
CAPACITIES		SE	SEL	SEL Plus	Limited
Fuel		TBD			
VOLUME (cubic ft.)		SE	SEL	SEL Plus	Limited
Passenger Volume		TBD			
Total Interior Volume		TBD			
Cargo, trunk		16.0			
FUEL ECONOMY		SE	SEL	SEL Plus	Limited
City/highway/combined		TBD			

2020 Sonata Features

Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

MECHANICAL FEATURES

ENGINE

Smartstream G2.5 GDI (SE/SEL)

Type	GDI DOHC 16-valve Inline 4-cylinder
Displacement (liters)	2.5 liters / 2,497
Horsepower @ RPM	191 @ 6100 rpm (est.)
Torque (lb.-ft.) @ RPM	181 @ 4000 (est.)
Compression ratio	13.0 : 1
Fuel system	GDI

Smartstream G1.6 T-GDI (SEL Plus/Limited)

Type	Turbo-GDI DOHC 16-valve Inline 4-cylinder
Displacement (liters)	1.6 liters / 1,598 cc
Horsepower @ RPM	180 @ 5500 (est.)
Torque (lb.-ft.) @ RPM	195 1500-4500 (est.)
Compression ratio	10.5 : 1
Fuel system	GDI

DRIVETRAIN/TRANSMISSION	SE	SEL	SEL Plus	Limited
FWD			S	
8-speed automatic			S	
BODY/SUSPENSION/CHASSIS	SE	SEL	SEL Plus	Limited
Body type: 4-door			S	
Body construction: Unibody			S	
Front suspension			MacPherson strut with coil springs	
Rear suspension			Multi-link Independent	

Column-Mounted Motor Driven Power Steering (MDPS)	S	S	S	S
16 x 6.5J Aluminum alloy wheels	S	-	-	-
17 X 7.5J Aluminum alloy wheels	-	S	-	-
18 x 7.5J Aluminum alloy wheels	-	-	S	S
SAFETY/CONVENIENCE FEATURES	SE	SEL	SEL Plus	Limited
Driver and passenger front airbags	S	S	S	S
Driver's knee airbag	S	S	S	S
Side curtain airbags	S	S	S	S
Front and rear side airbags	S	S	S	S
Electronic Parking Brake (EPB)	S	S	S	S
Advanced Smart Cruise Control (ASCC)	S	S	S	S
Forward Collision-Avoidance Assist	S	S	S	S
Automatic high beam assist	S	S	S	S
Lane Keep Assist System (LKAS)	S	S	S	S
Lane Follow Assist	S	S	S	S
Driver Attention Warning	S	S	S	S
Electronic Stability Control (ESC)	S	S	S	S
Traction Control System (TCS)	S	S	S	S
Hill Assist Control (HAC)	S	S	S	S
Anti-lock Braking System (ABS) Electronic Brake-force Distribution (EBD)	S	S	S	S
Tire Pressure Monitoring System (TPMS)	S	S	S	S
Rearview camera w/ dynamic guidelines	S	S	S	S

Front 2-speed intermittent wipers	S	S	S	S
Solar glass control	S	S	S	S
Remote keyless entry system w/ alarm	S			
Proximity Key with Push Button Start	-	S	S	S
Bluetooth Hands-free phone	S	S	S	S
Steering wheel audio controls	S	S	S	S
Driver auto down/up (safety) window	S	S	S	S
Temporary spare tire	S	S	S	S
Blind-Spot Collision Avoidance Assist	-	S	S	S
Rear Cross-Traffic Collision-Avoidance Assist	-	-	-	S
Hands-free Smart Trunk Release	-	S	S	S
NFC Digital Key	-	O	O	S
Remote Smart Parking Assist (RSPA)	-	-	-	S
Around View Monitor (AVM)	-	-	-	S
Blind View Monitor	-	-	-	S
EXTERIOR FEATURES	SE	SEL	SEL Plus	Limited
LED headlights (MFR type)	S	S	S	-
LED headlights (Matrix type)	-	-	-	S
LED DRLs	S	S	S	S
LED taillights	S	S	S	S
Panoramic sunroof	-	O	O	S
INTERIOR FEATURES	SE	SEL	SEL Plus	Limited
8" display audio	S	S	S	
10.25" Navigation	-	O	O	S

Cloth seating surfaces	S	S	-	-
Combination leatherette / suede seating surfaces	-	-	S	-
Leather seating surfaces	-	O	-	S
Air conditioning	S	-	-	-
Dual automatic temperature control	-	S	S	S
Power windows w/ driver's auto-down	S	S	S	S
Power door locks	S	S	S	S
Auto headlamp control	S	S	S	S
Tilt-and-telescopic steering	S	S	S	S
Illuminated ignition cylinder	S	S	S	S
Map lights, dome lamp & trunk lamp	S	S	S	S
6-way adjustable driver's seat (height adjustment)	S	-	-	-
8-way power adjustable driver's seat	-	S	S	S
4-way adjustable passenger seat	S	S	S	S
4-way power adjustable passenger seat	-	-	-	S
Front and rear door map pockets	S	S	S	S
Lower console tray for device storage and cord management	S	S	S	S
Rear center armrest w/ cup holders	S	S	S	S
Temporary spare tire	S	S	S	S
Android Auto / Apple CarPlay	S	S	S	S
USB charge port (1st row)	S	S	S	S
12V outlet (1)	S	S	S	S
Leather-wrapped steering wheel & shift knob	-	S	S	S

Liquid Chrome interior accents	-	S	S	S
Auto up/down front passenger window	-	S	S	S
2nd row air vent	-	S	S	S
Heated front seats	-	S	S	S
Ventilated front seats	-	-	-	S
3.5" LCD cluster display	S	S	-	-
12.3" LCD cluster display	-	O	S	S
Bose Premium Audio	-	O	O	S
Wireless device charging (Qi)	-	O	S	S
Heated side mirrors	-	S	S	S
HD radio	-	S	S	S
SiriusXM satellite radio	-	S	S	S
Blue Link	-	S	S	S
USB charge port (2nd row)	-	S	S	S
Paddle shifters	-	-	S	S
Front Parking Sensor	-	-	-	S
Rear Parking Sensor	-	-	-	S
Auto-dimming rearview mirror	-	O	O	S
Ventilated front seats	-	-	-	S
Leather-wrapped dashboard accent	-	-	-	S
Color Heads-up Display	-	-	-	S

2020 Hyundai Ioniq Blue (HEV)

Line Item 14



Blue
Industry-leading fuel economy (57/59/58)
Forward Collision Avoidance-Assist w/ Lane Keeping Assist
8" Display Audio & Apple CarPlay/Android Auto

Blue

Mechanical:

- 1.6L GDI + 32 kW (Hybrid powertrain)
- 6-speed DCT w/ SHIFTRONIC
- Sport mode select

Safety:

- FCA → FCA Camera type
- Lane Keeping Assist
- High Beam Assist
- Driver Attention Warning
- VSM w/ ESC/TCS/ABS
- TPMS (high-line)
- Hillstart Assist
- 7 airbags (includes driver's knee airbag)

- Rearview camera with Dynamic Guide
- Immobilizer

Exterior:

- 15" Eco-spoke wheels w/ 195 mm tires
- Active grille shutters
- Automatic projector headlamps
- Roof spoiler & LED CHMSL
- Proximity key entry w/ Push-button start
- Door handle approach lights
- "Blue" rear badge

Interior:





- Auto-up/down driver window
- Tilt-and-telescopic S/W w/ audio & cruise controls
- Map lights w/ sunglass holder, dome lamp and

cargo area light

- Premium cloth seating surfaces
- 4.2-inch LCD instrument cluster display w/ Hybrid Technology display
- Dual Automatic Temperature Control
- 6-way adj. front seats
- 60/40 split fold-down rear seatback
- Illuminated vanity mirrors & ignition
- Sun visor extensions
- Tire Mending Kit in lieu of temporary spare tire

Multimedia:

- 8-inch Display Audio (2.0)
- Apple CarPlay and Android Auto
- Integrated Bluetooth w/ phonebook transfer
- iPod/USB input jacks

	Engine	1.6L GDI Atkinson Cycle 4-cylinder (104 HP)
	Transmission	6-speed Dual Clutch Transmission
	Electric Motor	32 kW (43 HP)
	Battery System	1.56 kWh 240V

2020 Hyundai Kona SE (FWD / AWD)

Line Item 15 & 16

Interior Features

Cloth seating surfaces

6-way adjustable driver seat

60/40 split fold-down and reclining rear seatback with adjustable head restraint

Dual level cargo floor

7-inch color touchscreen display audio system (*no CD player*)

Android Auto™ & Apple CarPlay*

1 amp USB data/charge jack; 1 USB charge jack; aux input jack

Two 2.1-amp USB charging accessory

Rear View Monitor with parking guidance

Manual air conditioning

Rear window defroster with timer

Tilt-and-telescopic steering wheel

Steering-wheel-mounted audio, Bluetooth* and cruise controls

3.5-inch segment Multi-Information Display (distance to empty, avg. fuel consumption, avg. vehicle speed, elapsed time, instant fuel consumption)

Power windows with driver auto-down

Power door locks

Remote keyless entry system with alarm and panic



Exterior Features

Projector headlights

LED Daytime Running Lights

Roof-mounted Center High-Mount Stop Light (CHMSL)

Automatic headlights

Heated, bodycolor exterior mirrors (Not Heated)

Driver's blind spot mirror

Bodycolor exterior door handles

Solar glass: Front door, windshield and sunshade band

2020 KONA MODEL CHANGES

- Newly-developed Smart Cruise Control added to Ultimate models
- Former SEL with Tech Package renamed SEL Plus
 - 4.2-inch color multi-information display moved from Ultimate to SEL Plus trim
 - Wireless device charging moved from Ultimate to SEL Plus trim
- Newly-developed orange interior accents available on Limited with Sunset Orange exterior
- Iron Man Edition no longer available



Hyundai Motor America
10550 Talbert Avenue,
Fountain Valley, CA 92708

HyundaiNews.com
HyundaiUSA.com

2019 Kona Specifications

ENGINE		SE	SEL	Limited	Ultimate
Type		DOHC D-CVVT (Dual Continuously Variable Valve Timing), Multi-Point Fuel Injection (MPI), Atkinson Cycle		DOHC D-CVVT (Dual Continuously Variable Valve Timing), Gasoline Direct Injection (GDI)	
Materials		Aluminum block and head		Aluminum block and head	
Displacement		2.0L / 1,999 cc		1.6L / 1,591 cc	
Horsepower		147 @ 6200 RPM		175 @ 5500 RPM	
Torque (lb-ft)		132 @ 4500 RPM		195 @ 1500-4500 RPM	
Valves per cylinder		4		4	
Bore & stroke (mm)		81 X 97		77 X 85	
Compression Ratio		12.5:1		10.0:1	
TRANSMISSION		SE	SEL	Limited	Ultimate
Drive Type	FWD	S			
	AWD	O			
6-speed automatic w/OD lock-up torque converter, electronic shift lock system		S		-	
7-speed EcoShift DCT (Dry)		-		S	
SHIFTRONIC® manual shift mode		S		S	
Torque-vectoring by Braking		S		S	
Gear Ratios		FWD/AWD		FWD/AWD	
First		4.400 / 4.639		3.929 / 3.643	
Second		2.726 / 2.826		2.318 / 2.174	
Third		1.834 / 1.841		2.043 / 1.826	

Line Item 15



Fourth		1.392 / 1.386		1.070 / 1.024	
Fifth		1.000 / 1.000		0.822 / 0.809	
Sixth		0.774 / 0.772		0.884 / 0.854	
Seventh		-		0.721 / 0.717	
Reverse		3.440 / 3.385		5.304 / 4.696	
Final		3.510 / 3.648		FWD: 4.294 / 3.174 AWD: 4.643 (1/2/4/5)/ 3.611 (3,6,7,R)	
SUSPENSION		SE	SEL	Limited	Ultimate
Front	Type	MacPherson Strut with coil springs, Gas-pressurized shock absorbers, advanced valving			
	Stabilizer Bar	S			
Rear	Type	Coupled Torsion Beam Axle (FWD) / Multi-link (AWD) Gas-pressurized shock absorbers, advanced valving			
	Stabilizer Bar	S			
STEERING		SE	SEL	Limited	Ultimate
Type		Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted			
Overall Ratio		13.8			
Turns, lock to lock		2.5			
Turning diameter (curb to curb, in feet)		34.8			
BRAKES/TIRES/WHEELS		SE	SEL	Limited	Ultimate
Front		Ventilated Discs	Ventilated Discs	Ventilated Discs	Ventilated Discs
	Size (diameter)	280 mm (FWD) 305mm (AWD)	280 mm (FWD) 305mm (AWD)	305 mm	305 mm
Rear		Solid Discs	Solid Discs	Solid Discs	Solid Discs
	Size (diameter)	262mm (FWD) 284mm (AWD)	262mm (FWD) 284mm (AWD)	284 mm	284 mm

ABS w/ Electronic Force Distribution		S			
Tires	205/60R16	S	-	-	-
	215/55R17	-	S	-	-
	235/45R18	-	-	S	S
	Compact Temporary Spare Tire	S			
Wheels	16 X 6.5J Alloys	S	-	-	-
	17 X 7.0J Alloys	-	S	-	-
	18 X 7.5J Alloys	-	-	S	S
EXTERIOR DIMENSIONS (in)		SE	SEL	Limited	Ultimate
Wheelbase		102.4			
Overall length		164.0			
Overall width		70.9			
Overall height (w/ roof rails)		61.0 (61.6)			
INTERIOR DIMENSIONS (in)		SE	SEL	Limited	Ultimate
Head Room (front (with sunroof) / rear)		39.6 (38.0) / 37.8			
Leg room (front/rear)		41.5 / 34.6			
Shoulder room (front/rear)		55.5 / 54.5			
Hip Room (front/rear)		53.3 / 52.2			
WEIGHTS		SE	SEL	Limited	Ultimate
Curb Weight FWD/AWD (lightest)		2,890 / 3,084		3,042 / 3,256	
Curb Weight FWD/AWD (heaviest)		3,065 / 3,259		3,126 / 3,344	
GVWR FWD/AWD		3,979 / 4,189		4,046 / 4,255	

CAPACITIES	SE	Value	SEL	Sport	Limited
Fuel (gallons)	13.2				
VOLUME (cubic ft)	SE	SEL	Limited	Ultimate	
Passenger interior volume	94.1				
Cargo capacity, rear seats up	19.2				
Cargo capacity, rear seats folded down	45.8				
Total interior volume	113.3				
CLEARANCES (degrees)	SE	SEL	Limited	Ultimate	
Approach Angle	17.5				
Breakover Angle	29.6				
Departure Angle	16.7				
Ground Clearance (in)	6.98				
FUEL ECONOMY	SE	SEL	Limited	Ultimate	
City/Highway/Combined	27/33/30 (FWD) 25/30/27 (AWD)	27/33/30 (FWD) 25/30/27 (AWD)	28/32/30 (FWD) 26/29/27 (AWD)	28/32/30 (FWD) 26/29/27 (AWD)	

2020 Hyundai Tucson SE (FWD / AWD)



Line Item 17 & 18

Interior Features

Cloth seating surfaces
YES Essentials® cloth (Beige and Gray only)
6-way adjustable driver seat
Front slide/recline/driver height adjustment
60/40 split fold-down and reclining rear seatback with adjustable head restraint
Dual-level cargo floor
7-inch color touchscreen display audio system with 6 speakers
Android Auto™ & Apple CarPlay®
Front USB/AUX outlets
Rear View Monitor
Manual air conditioning
Tilt-and-telescopic steering wheel
Steering-wheel-mounted audio, Bluetooth® and cruise controls
3.5-inch Multi-Information Display (distance to empty, avg. fuel consumption, avg. vehicle speed, elapsed time, instant fuel consumption, external temp.)
Power windows with driver auto-down, front switches illuminated
Power door locks
Remote keyless entry system with alarm and panic
Rear center armrest with cupholders
12-volt outlet: front (2)/cargo (1)

Safety Features

Driver Attention Warning (DAW)
Lane Keeping Assist (LKA)
Forward Collision-Avoidance Assist (FCA)
Front crumple zone
2.5-mph bumpers
Bodyside reinforcements
Electronic Shift Lock System and ignition key interlock – Electronic type
Anti-theft system integrated with remote keyless entry and panic alarm
Adjustable front-seat shoulder belt anchors
Front seatbelt pretensioners and load limiters

News Release

2020 Hyundai Tucson Refreshes Color Palette and Repackages Content for Enhanced Customer Value

FOUNTAIN VALLEY, Aug. 8, 2019 – The 2020 Hyundai Tucson has refreshed its palette of exterior colors and repackaged content for enhanced customer value.

2020 TUCSON MODEL CHANGES

- Stellar Silver replaces Molten Silver
- Magnetic Force replaces Coliseum Grey
- Winter White replaces Dazzling White
- Cream White replaces White Pearl
- Leather-wrapped steering wheel and shift knob moves from Limited to Sport models and above



Powertrain

The Tucson offers two engines including a 2.0-liter direct-injected four-cylinder engine with 161 horsepower and 150 lb.-ft. of torque, and a 2.4-liter, direct-injected four-cylinder engine with 181 horsepower and 175 lb.-ft. of torque. Both engines use a six-speed automatic transmission. The 2.0-liter engine is equipped with the Value and SE trims, and the 2.4-liter engine is equipped with the SEL, Sport, Limited and Ultimate trims. The six-speed offers SHIFTRONIC™ manual-shifting mode and includes an overdrive lock-up torque converter for higher fuel economy at highway speeds.

Advanced Technology Features

- Standard: Forward Collision-Avoidance Assist (FCA), Lane Keeping Assist (LKA), Driver Attention Warning (DAW)
 - The FCA system is designed to help detect and monitor the vehicle ahead and warn the driver if a collision may be imminent. The system can also initiate braking automatically
 - The LKA system can detect the lane on the road and help assist steering wheel control if the vehicle leaves the lane when the vehicle speed is over 40 mph
 - Driver Attention Warning monitors a spectrum of driving attention parameters and can help warn the driver of less attentive driving characteristics
- Available safety and technology features:
 - Forward Collision-Avoidance Assist (FCA) with Pedestrian Detection
 - High Beam Assist
 - Rain-sensing wipers
 - Surround View Monitor
 - Smart Cruise Control with Stop & Go

Multimedia Systems

Tucson is loaded with technology, including Hyundai's latest 7-inch Display Audio system with Apple CarPlay™ and Android Auto™ as standard equipment. To eliminate the need for a charging cord, there is an available Qi wireless charging pad for compatible Android and Apple devices (Sport, Limited and Ultimate trims).



* **MY20 Tucson is a carry over from 2019.**

2020 specifications not yet released from manufacturer.

2019 Tucson Specifications				Hyundai Motor America 10550 Talbert Avenue, Fountain Valley, CA 92708 HyundaiNews.com HyundaiUSA.com		
ENGINE						
2.0L						
Type		Nu 2.0 GDI 4-cylinder, DOHC DOHC Dual Continuously Variable Valve Timing (D-CVVT)				
Materials		Aluminum block and head				
Bore & stroke (mm)		81 X 97				
Compression ratio		11.5:1				
Displacement		2.0 liters / 1,999 cc				
Horsepower		164 @ 6,200 rpm (est.)				
Torque (lb-ft)		151 @ 4,500 rpm (est.)				
Valves per cylinder		4				
2.4L						
Type		Theta 2.4 GDI 4-cylinder , DOHC Dual Continuously Variable Valve Timing (D-CVVT)				
Materials		Aluminum block and head				
Bore & stroke		88 X 97				
Compression ratio		11.3:1				
Displacement		2.0 liters / 2359 cc				
Horsepower		181 @ 6,000 rpm (est.)				
Torque (lb-ft)		175 @ 4,000 rpm (est.)				
Valves per cylinder		4				
TRANSMISSION		SE	Value	SEL	Sport	Limited
Drive Type	FWD	S	S	S	S	S
	AWD	O	O	O	O	O
Transmission Type		6-speed automatic w/OD lock-up torque converter, electronic shift lock system and SHIFTRONIC® manual shift mode				

Line Items 17 and 18



Gear Ratios		2.0L		2.4L		
First		4.400 / 4.162		TBD		
Second		2.726 / 2.575				
Third		1.843 / 1.772				
Fourth		1.392 / 1.369				
Fifth		1.000 / 1.000				
Sixth		0.774 / 0.778				
Seventh		- / -				
Reverse		3.440 / 3.500				
Final		3.510 / 3.648				
SUSPENSION		SE	Value	SEL	Sport	Limited
Front	Type	MacPherson strut with coil springs, gas pressurized shock absorber				
	Stabalizer Bar	24.7mm				
Rear	Type	Multi-link with gas pressurized shock absorber				
	Stabalizer Bar	23.0mm				
STEERING		SE	Value	SEL	Sport	Limited
Type		Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted				
Overall Ratio		FWD 14.37, AWD 14.38				
Turns, lock to lock		2.71				
Turning diameter (curb to curb, in feet)		34.9				
BRAKES/TIRES/WHEELS		SE	Value	SEL	Sport	Limited
Front		305 x 25 ventilated disc				
Rear		302 x 10 solid disc				
ABS w/ Electronic Force Distribution		S				
Tires	225/60R17	S	S	-	-	-
	225/55R18	-		S	-	-

Line Items 17 and 18



	245/45R19	-	-	-	S	S
Wheels	17 x 7.0J Alloys	S	S	-	-	-
	18 x 7.0J Alloys	-	-	S	-	-
	19 x 7.5J Alloys	-	-	-	S	S
EXTERIOR DIMENSIONS (in)		SE	Value	SEL	Sport	Limited
Wheelbase		105.1				
Overall length		176.2				
Overall width		72.8				
Overall Height (excludes roof rails/with roof rails)		64.8 / 65.0				
INTERIOR DIMENSIONS (in)		SE	Value	SEL	Sport	Limited
Head Room (front/rear)		39.6 / 39.2				
Leg Room (front/rear)		41.5 / 38.2				
Shoulder Room (front/rear)		57.1 / 55.5				
Hip Room (front/rear)		55.6 / 54.5				
WEIGHTS		SE	Value	SEL	Sport	Limited
Curb Weight FWD/AWD		3,300 / 3,463		3,492 / 3,627		
GVWR FWD/AWD		4,586 / 4,740		4,718 / 4,850		
CAPACITIES		SE	Value	SEL	Sport	Limited
Fuel (gallons)		16.4				
VOLUME (cubic ft)		SE	Value	SEL	Sport	Limited
Total interior volume (w/o pano sunroof)		133.2				
Passenger interior volume (w/o pano sunroof)		102.2				
Cargo capacity, rear seats up		31.0				

Line Items 17 and 18



Cargo capacity, rear seats folded down	61.9				
FUEL ECONOMY	SE	Value	SEL	Sport	Limited
City/Highway/Combined	TBD				

Line Item 19 and 20

2020 Hyundai Santa FE SE (FWD / AWD)



Interior Features

Cloth seating
6-way adjustable driver seat
2-way power lumbar driver seat
60/40-split fold-flat seats with recline and adjustable head restraints
7-inch display audio system
Android Auto™ and Apple CarPlay®
Dual front/rear 2.1-amp USB outlets (1x power/data & 3x power)
Rear View Monitor with parking guidance
Air conditioning
Tilt-and-telescopic steering wheel
Steering-wheel-mounted audio, cruise and Bluetooth® controls
Smart Cruise Control with stop/start (SCC)
Monochromatic multi-information display
Power windows with driver auto-down/up
Power door and liftgate locks
Remote keyless entry system with alarm and panic
Bluetooth® hands-free phone system

Exterior Features

Projector headlights
LED accents
LED Daytime Running Lights (DRL)
Roof-mounted Center High-Mount Stop Light (CHMSL)
Automatic headlights
High Beam Assist (HBA)
Bodycolor exterior mirrors
Chrome accent front grille
Bodycolor door handles
Solar control front glass
Rear privacy glass
Front 2-speed/variable intermittent windshield wipers
Intermittent rear window wiper/washer (non-variable)

Body construction:
Unibody, high-strength steel

Front suspension:
MacPherson struts with gas-filled damper and stabilizer bar

Rear suspension:
Multi-link with gas shock absorber and stabilizer bar

Motor-Driven Power Steering (MDPS)

Turning diameter, curb-to-curb (ft.)
37.5

Towing capacity with trailer brakes (lbs.)
2,000

Towing capacity without trailer brakes (lbs.)
1,650

17-inch alloy wheels with
235/65 R17 tires

News Release

2020 Hyundai Santa Fe Adds Safety Features and Repackages Content for Enhanced Customer Value

- Newly Available Rear Occupant Alert and Blind View Monitor Safety Features
- Wireless device charging feature now standard on more trims
- Features repackaged for increased customer value and choice across all trim lines

FOUNTAIN VALLEY, Calif., July 30, 2019 – Hyundai has added new safety features and repackaged equipment on the 2020 Santa Fe for enhanced customer value. The 2020 Santa Fe is on sale now.

2020 SANTA FE CHANGES

- Newly-developed Blind-View Monitor standard on Limited models
- Premium door sill plates now standard on Limited models only
- Blind Spot Collision-Avoidance Assist (BCA), Rear Cross-Traffic Collision-Avoidance Assist (RCCA), and Safe Exit Assist (SEA) moved from standard equipment to SEL trim and above
- Rear Occupant Alert (ROA) is standard on SE and SEL models
- Wireless device charging now standard on SEL w/Convenience and above
- Dark chrome exterior trim now standard on all Limited exterior colors

**Powertrains**

The 2020 Santa Fe line-up offers a choice of proven powertrains. There is a 2.4-liter inline four-cylinder GDI engine with 185 horsepower or a powerful, turbocharged 2.0-liter four-cylinder engine with 235 horsepower. All engines are mated to an eight-speed automatic transmission.

	Theta II 2.4L/GDI	Theta II 2.0T/GDI
HP	185 @ 6000 RPM	235 @ 6000 RPM
Torque	178 @ 4000 RPM	260 @ 1450-3500 RPM

Eight-Speed Automatic Transmission

The transmission provides quick and crisp shifts for an engaging and efficient driving experience. The automatic transmission adds ratio ranges at both the top and bottom of output speeds allowing for extra thrust off-the-line and a quieter, more fuel-efficient dash down the interstate. A multi-disc and

individually controlled hydraulic channel torque converter improves responsiveness by expanding the direct connection band, while a downsized oil pump and double ball bearings minimize friction loss.

HTRAC Advanced AWD System

The Santa Fe has Hyundai's HTRAC® All-Wheel-Drive (AWD) system. The HTRAC AWD system was developed as a multi-mode system, providing an electronic, variable-torque-split clutch with active torque control between the front and rear axles. The driver-selectable HTRAC Normal, Sport and Smart modes help provide confident control in all weather conditions. The Sport setting gives an agile feel by sending more available torque to the rear wheels, for a sporty dynamic feel when desired. This system has a wider range of torque distribution variability than many competitive systems and has been tuned to conditions such as straight-line acceleration, medium- and high-speed cornering, and hill starts.

Safety

2020 Santa Fe also offers a newly-developed safety feature on Limited models as standard, the Blind-View Monitor. This new feature complements the available Blind-Spot Collision Avoidance Assist, which provides easy-to-see body-side views on either side of the vehicle whenever the turn signal is activated. The Blind-View Monitor was offered first on the Hyundai NEXO and Palisade SUVs.

In addition, 2020 Santa Fe offers a new Rear Occupant Alert (ROA) that functions via a door-logic program, standard on SE and SEL models. This door-logic-based ROA program operates based on door opening and closing sequencing logic rather than the Rear Occupant Alert with ultrasonic rear seat sensors present on higher trim levels of Santa Fe. Rear Occupant Alert can help drivers to be alerted if a person or animal is present in the rear seat when the driver leaves the vehicle.

Infotainment and Sound Systems

The Hyundai Santa Fe is loaded with technology, including Hyundai's latest AVN 5.0 navigation system with Android Auto™ and Apple CarPlay™ offered with higher level trims. The base level trim gets a standard 7-inch user interface, also equipped with Android Auto and Apple CarPlay. Eliminating the need for a charging cord, there's an available Qi wireless charging pad for compatible Android and

iPhone devices. The wireless charging feature is standard on SEL with Convenience Package and above.

When it comes to audio technology, the available premium sound system is well-suited to the Santa Fe's upscale interior. The 630-watt, 12-speaker Infinity branded stereo system with an 11-channel amplifier features Clari-Fi and QuantumLogic™ Surround Sound technology. Clari-Fi works in real-time to rebuild audio details lost in digitally compressed music, while QuantumLogic™ extracts signals from the original recording and redistributes them into an authentic, multidimensional soundstage for playback that is clear, refined and full of detail. The result is a more robust and enjoyable on-road listening experience.

Smart Speed-Dependent Volume Control can automatically adjust the audio volume up or down based upon the vehicle's speed and the system's volume setting. The gain will change proportionally to the vehicle's speed to overcome associated noise masking effects of the vehicle and thereby reducing the need to adjust the volume while driving. Additionally, the volume setting will taper the gain applied as the volume setting increases. This prevents the system from increasing volume further once road noise has been overcome.

BLUE LINK® Connected Car System

Santa Fe Blue Link-equipped models include three years of complimentary Blue Link services, with enhanced safety, diagnostic, remote and voice guidance services. Blue Link brings connectivity directly into the car with technologies like Remote Start with Climate Control, Remote Door Lock/Unlock, Car Finder, Enhanced Roadside Assistance and Stolen Vehicle Recovery. Blue Link features can be accessed via buttons on the rearview mirror, the MyHyundai.com web portal, the MyHyundai with Blue Link smartphone app, the Amazon® Alexa Blue Link skill and the Blue Link Google Assistant app. Some features can also be controlled via Android Wear™ and Apple Watch™ smartwatch apps. The latest release of the Blue Link smartphone app includes:

- Widgets for easy access to remote features
- Ability to send Point-of-Interest data to vehicle navigation system (if so equipped)
- Access to Blue Link notification settings

Line Item 19 and 20

* MY20 News Release of changes attached.
2020 specifications not yet available from
manufacturer.



<u>MY20 is a carryover from 2019.</u>		Hyundai Motor America 10550 Talbert Avenue, Fountain Valley, CA 92708	
2019 Santa Fe Specifications		HyundaiNews.com HyundaiUSA.com	
ENGINE			
2.4L			
Type	Theta-II 2.4 GDI, 16-valve MLA, DOHC, 4-cylinder in-line		
Materials	Aluminum block and head		
Bore & stroke (mm)	88 x 97		
Compression ratio	11.3:1		
Displacement	2.4 liters / 2,359 cc		
Horsepower	185 @ 6,000		
Torque (lb-ft)	178 @ 4,000		
Valves per cylinder	4		
2.0T			
Type	Theta-II 2.0T GDI, 16 valve MLA,DOHC E-CVVT (Dual Continuously Variable Valve Timing) 4-cylinder		
Turbo Type	Twin Scroll		
Materials	Aluminum block and head		
Bore & stroke	86 x 86		
Compression ratio	10.0:1		
Displacement	2.0 liters / 1,998 cc		
Horsepower	235 @ 6000		
Torque (lb-ft)	260 @ 1,450-3500		
Valves per cylinder	4		
TRANSMISSION		2.4L	2.0T
Drive Type	FWD	S	S
	HTRAC AWD	O	O
Transmission Type		8-speed Automatic Transmission with SHIFTRONIC® manual shift mode	

Gear Ratios (FWD/AWD)						
First		4.487		4.808		
Second		2.764		2.901		
Third		1.773		1.864		
Fourth		1.388		1.424		
Fifth		1.208		1.219		
Sixth		1.000		1.000		
Seventh		0.799		0.799		
Eighth		0.635		0.648		
Reverse		3.081		3.425		
Final		3.798 / 4.081		3.320/3.510		
SUSPENSION		SE	SEL	SEL Plus	Limited	Ultimate
Front	Type	MacPherson strut with coil springs, Gas-pressurized shock absorbers, advanced valving and stabilizer bar				
Rear	Type	Multi-link with gas shock absorber and (FWD 24 mm / AWD 24 mm) stabilizer bar				
STEERING		SE	SEL	SEL Plus	Limited	Ultimate
Type		Motor Driven Power Steering (MDPS) Rack and pinion steering, column-mounted				
Overall Ratio		13.8				
Turns, lock to lock		2.6				
Turning diameter (curb to curb, in feet)		37.5				
BRAKES/TIRES/WHEELS		SE	SEL	SEL Plus	Limited	Ultimate
Front		320 x 28 Ventilated Disc				
Rear		305 x 11 Solid Disc				
ABS w/ Electronic Force Distribution		S				
Tires	235/65R17	S	S	-	-	-
	235/60R18	-	-	S	S	S
	235/55R19	-	-	-	O	O



Wheels	17 X 7.0J Alloys	S	S	-	-	-
	18 X 7.5J Alloys	-	-	S	S	S
	19 X 7.5J Alloys	-	-	-	O	O
EXTERIOR DIMENSIONS (in)		SE	SEL	SEL Plus	Limited	Ultimate
Wheelbase		108.9				
Length		187.8				
Width		74.4				
Height (w/ side rails)		66.1 (67.1)				
INTERIOR DIMENSIONS (in)		SE	SEL	SEL Plus	Limited	Ultimate
Head room (front / 2 nd row (w/sunroof))		41.2 / 39.2 (37.9)				
Leg Room (front/middle)		44.1 / 40.9				
Shoulder Room (front/middle)		59.1 / 58.3				
Hip room (front / 2 nd row)		57.5 / 56.3				
WEIGHTS		2.4L			2.0T	
Curb Weight FWD/AWD (lbs.)		3,591-3,803 / 3,735-3,946			3,920-3,942 / 4,063-4,085	
GVWR FWD/AWD (lbs.)		4,729 / 4,872			4,828 / 4,960	
CAPACITIES		SE	SEL	SEL Plus	Limited	Ultimate
Fuel		18.8				
VOLUME (cubic ft)		SE	SEL	SEL Plus	Limited	Ultimate
Passenger Volume		110.7				
Total Interior Volume		146.6				
Cargo – Behind FR Seat		71.3				
Cargo – Behind 2 nd Row		35.9				



FUEL ECONOMY			
MODEL	DRIVETRAIN	ENGINE	MPG (CITY/HIGHWAY/ COMBINED)
SE 2.4	FWD	2.4L 4-Cylinder	22/29/25
SEL 2.4	FWD	2.4L 4-Cylinder	22/29/25
SEL Plus 2.4	FWD	2.4L 4-Cylinder	22/29/25
Limited 2.4	FWD	2.4L 4-Cylinder	22/29/25
Ultimate 2.4	FWD	2.4L 4-Cylinder	22/29/25
Limited 2.0T	FWD	2.0L Turbo 4-Cylinder	20/25/22
Ultimate 2.0T	FWD	2.0L Turbo 4-Cylinder	20/25/22
SE 2.4	AWD	2.4L 4-Cylinder	21/27/23
SEL 2.4	AWD	2.4L 4-Cylinder	21/27/23
SEL Plus 2.4	AWD	2.4L 4-Cylinder	21/27/23
Limited 2.4	AWD	2.4L 4-Cylinder	21/27/23
Ultimate 2.4	AWD	2.4L 4-Cylinder	21/27/23
Limited 2.0T	AWD	2.0L Turbo 4-Cylinder	19/24/21
Ultimate 2.0T	AWD	2.0L Turbo 4-Cylinder	19/24/21

5 YEAR
NEW VEHICLE
LIMITED WARRANTY

60,000

5 YEARS

7 YEARS

7 YEAR
ANTI-PERFORATION
WARRANTY

UNLIMITED

10 YEARS

10 YEAR
POWERTRAIN
LIMITED WARRANTY*

100,000

HYBRID BATTERY
WARRANTY*



LIFETIME

 HYUNDAI

Assurance

AMERICA'S BEST WARRANTY



10-YEAR/100,000-MILE POWERTRAIN WARRANTY*	5-YEAR/60,000-MILE NEW VEHICLE LIMITED WARRANTY	7-YEAR/UNLIMITED MILES ANTI-PERFORATION WARRANTY	5-YEAR/UNLIMITED MILES 24-HOUR ROADSIDE ASSISTANCE
12-MONTH/12,000-MILE REPLACEMENT PARTS AND ACCESSORIES LIMITED WARRANTY	7-YEAR/70,000-MILE CALIFORNIA EMISSION CONTROL SYSTEMS WARRANTY	8-YEAR/80,000-MILE FEDERAL EMISSION DEFECT & PERFORMANCE WARRANTY	LIFETIME HYBRID BATTERY WARRANTY*

AMERICA'S BEST WARRANTY™

America's Best Warranty does more than give you peace of mind, it's a commitment from Hyundai to maintain a high degree of quality, dependability and reliability.

SEE HOW AMERICA'S BEST WARRANTY COMPARES:

	POWERTRAIN LIMITED WARRANTY	NEW VEHICLE LIMITED WARRANTY	ANTI-PERFORATION WARRANTY
HYUNDAI	10 yrs/100,000 miles	5 yrs/60,000 miles	7 yrs/Unlimited miles
TOYOTA	5 yrs/60,000 miles	3 yrs/36,000 miles	5 yrs/Unlimited miles
HONDA	5 yrs/60,000 miles	3 yrs/36,000 miles	5 yrs/Unlimited miles
NISSAN	5 yrs/60,000 miles	3 yrs/36,000 miles	5 yrs/Unlimited miles
CHEVROLET	5 yrs/60,000 miles	3 yrs/36,000 miles	6 yrs/100,000 miles
LEXUS	6 yrs/70,000 miles	4 yrs/50,000 miles	6 yrs/Unlimited miles

Based on total package of warranty programs. See dealer for LIMITED WARRANTY details.



Summary of Warranty Coverage*	
	0 miles 90,000 miles
Basic Coverage	36 months / 36,000 miles
Corrosion Coverage (Perforation)	60 months / unlimited mileage
Powertrain Coverage	60 months / 60,000 miles
Federal Emission Performance	24 months / 24,000 miles
Federal Emission Defect	36 months / 36,000 miles
Federal Emission Long Term Defect	96 months / 80,000 miles
California Emission Performance	36 months / 50,000 miles**
California Emission Defect	36 months / 50,000 miles**
California Emission Long Term Defect	84 months / 70,000 miles**
Seat Belt	120 months/unlimited mileage

Commercial Vehicle Warranty - NV200 Compact Cargo Van

Summary of Warranty Coverage*	
	0 miles 100,000 miles
Basic Coverage	60 months / 100,000 miles
Corrosion Coverage (Perforation)	60 months / unlimited mileage
Powertrain Coverage	60 months / 100,000 miles
Federal Emission Performance	60 months/50,000 miles
Federal Emission Defect	60 months/50,000 miles
California Emission Performance	36 months / 50,000 miles
California Emission Defect	36 months / 50,000 miles
California Emission Long Term Defect	84 months / 70,000 miles
Seat Belt	120 months / unlimited mileage

Line Item 21

2020 KIA Sedona L



2020 Kia Sedona Specifications
Line Item 21

Engine	L	LX	EX
Type	3.3-liter V6 Gasoline Direct Injection (GDI) Lambda Engine	3.3-liter V6 Gasoline Direct Injection (GDI) Lambda Engine	3.3-liter V6 Gasoline Direct Injection (GDI) Lambda Engine
Displacement (cc)	3,342 cc	3,342 cc	3,342 cc
Bore x stroke (mm)	92.0 x 83.8	92.0 x 83.8	92.0 x 83.8
Compression ratio	11.5:1	11.5:1	11.5:1
Horsepower	276 hp @ 6,000 rpm	276 hp @ 6,000 rpm	276 hp @ 6,000 rpm
Torque	248 lb.-ft @ 5,200 rpm	248 lb.-ft @ 5,200 rpm	248 lb.-ft @ 5,200 rpm
Block	Aluminum	Aluminum	Aluminum
Head	Aluminum	Aluminum	Aluminum
Injection system	Naturally Aspirated	Naturally Aspirated	Naturally Aspirated
Valve System	24 valve DOHC with Mechanical Lash Adjuster	24 valve DOHC with Mechanical Lash Adjuster	24 valve DOHC with Mechanical Lash Adjuster
Fuel System	Direct fuel injection	Direct fuel injection	Direct fuel injection
Rec. Fuel	Unleaded Gasoline (Regular 87 or higher)	Unleaded Gasoline (Regular 87 or higher)	Unleaded Gasoline (Regular 87 or higher)
Emission Control System	WCC (warm-up catalytic converter) + UCC (underfloor catalytic converter)	WCC (warm-up catalytic converter) + UCC (underfloor catalytic converter)	WCC (warm-up catalytic converter) + UCC (underfloor catalytic converter)
Cooling System	Liquid cooled	Liquid cooled	Liquid cooled
Lubrication System	Gear Pump	Gear Pump	Gear Pump
Engine Oil Capacity (liters)	4.3-6.5 liters	4.3-6.5 liters	4.3-6.5 liters
Fuel tank capacity (gal.)	21.1 gallons	21.1 gallons	21.1 gallons

Electrical System	L	LX	EX
Battery Type	12V Maintenance Free	12V Maintenance Free	12V Maintenance Free
Battery (AH) with power liftgate	12V, 90AH, 850CCA	12V, 90AH, 850CCA	12V, 90AH, 850CCA
Battery (AH) without power liftgate	12V, 80AH, 660CCA	12V, 80AH, 660CCA	12V, 80AH, 660CCA
Alternator	13.5V-150A	13.5V-150A	13.5V-150A
Starter	12V-1.7kW	12V-1.7kW	12V-1.7kW

Line Item 21

Drivetrain	L	LX	EX
Electronically controlled 8-speed automatic transmission	-	-	-
First	4.808:1	4.808:1	4.808:1
Second	2.901:1	2.901:1	2.901:1
Third	1.864:1	1.864:1	1.864:1
Fourth	1.424:1	1.424:1	1.424:1
Fifth	1.219:1	1.219:1	1.219:1
Sixth	1.000:1	1.000:1	1.000:1
Seventh	0.799:1	0.799:1	0.799:1
Eighth	0.648:1	0.648:1	0.648:1
Reverse	3.425:1	3.425:1	3.425:1
Final drive ratio	3.510:1	3.510:1	3.510:1

Exterior Dimensions	L	LX	EX
Wheelbase (in.)	120.5 in.	120.5 in.	120.5 in.
Length (in.)	201.4 in.	201.4 in.	201.4 in.
Width, with side mirrors (in.)	89.3 in.	89.3 in.	89.3 in.
Width, without side mirrors (in.)	78.1 in.	78.1 in.	78.1 in.
Height, with roof rails (in.)	-	-	69.1 in.
Height, without roof rails (in.)	68.5 in.	68.5 in.	-
Track, front/rear (in.) - 17-inch	68.7 in. / 69.0 in.	68.7 in. / 69.0 in.	-
Track, front/rear (in.) - 18-inch	-	-	68.5 in. / 68.8 in.
Overhang, front/rear (in.)	37.6 in. / 43.3 in.	37.6 in. / 43.3 in.	37.6 in. / 43.3 in.
Ground clearance (in.)	6.7 in.	6.7 in.	6.7 in.
Approach angle (degrees)	15.8	15.8	15.8
Departure angle (degrees)	19.9	19.9	19.9

Interior Dimensions	L	LX	EX
Seating capacity	7 passenger	8 passenger	8 passenger
Head room	-	-	-
Front (in.)	39.8 in.	39.8 in.	39.8 in.

Line Item 21

2nd row (in.)	39.4 in.	39.4 in.	39.4 in.
3rd row (in.)	38.9 in.	38.9 in.	38.9 in.
Legroom	-	-	-
Front (in.)	40.9 in.	40.9 in.	40.9 in.
2nd row (in.)	41.1 in.	41.1 in.	41.1 in.
3rd row (in.)	34.8 in.	34.8 in.	34.8 in.
Shoulder room	-	-	-
Front (in.)	63.9 in.	63.9 in.	63.9 in.
2nd row (in.)	63.1 in.	63.1 in.	63.1 in.
3rd row (in.)	59.4 in.	59.4 in.	59.4 in.
Hip room	-	-	-
Front (in.)	59.3 in.	59.3 in.	59.3 in.
2nd row (in.)	66.1 in.	66.1 in.	66.1 in.
3rd row (in.)	50.0 in.	50.0 in.	50.0 in.
Interior Volume Total (SAE)	-	-	-
Cargo, behind 1st row (cu. ft.)	142.0 cu. ft.	142.0 cu. ft.	142.0 cu. ft.
Cargo, behind 2nd row (cu. ft.)	78.4 cu. ft.	78.4 cu. ft.	78.4 cu. ft.
Cargo, behind 3rd row (cu. ft.)	33.9 cu. ft.	33.9 cu. ft.	33.9 cu. ft.

Chassis/Suspension	L	LX	EX
Front suspension	MacPherson strut	MacPherson strut	MacPherson strut
Rear suspension	Multi-link	Multi-link	Multi-link
Shock Absorber Type	GAS	GAS	GAS

Steering	L	LX	EX
Type / Power Source	Hydraulic Power Steering	Hydraulic Power Steering	Rack Motor-Driven Power Steering (R-MDPS)
Steering ratio	16.59:1	16.59:1	15.99:1
Turns, lock-to-lock	3.27	3.27	3.16
Turning circle, curb-to-curb (ft.)	37.7 ft.	37.7 ft.	37.7 ft.

Brakes	L	LX	EX
Type front/rear	Ventilated disc / Solid disc	Ventilated disc / Solid disc	Ventilated disc / Solid disc

Line Item 21

Size (in.) front/rear	12.6 in. / 11.9 in.	12.6 in. / 11.9 in.	12.6 in. / 11.9 in.
Vacuum booster, diameter	10.5 in.	10.5 in.	10.5 in.
Vacuum booster, ratio	9.0:1	9.0:1	9.0:1
Vacuum booster, type	Vacuum (M/CYL)	Vacuum (M/CYL)	Vacuum (M/CYL)
Parking brake type	Foot Brake	Foot Brake	Foot Brake

Wheels/Tires	L	LX	EX
Wheel Size (in.)	6.5J x 17 alloy	6.5J x 17 alloy	7.0J x 18 alloy
Tire Size	P235/65R17	P235/65R17	P235/60R18
Spare Tire	T135/90R17	T135/90R17	T135/90R17

Curb Weight	L	LX	EX
8-speed Automatic Transmission	-	-	-
Minimum (lbs.)	4,411 lbs.	4,443 lbs.	4,503 lbs.
Maximum (lbs.)	4,736 lbs.	4,736 lbs.	4,663 lbs.

GVWR	L	LX	EX
Automatic transmission (lbs.)	6,085 lbs.	6,085 lbs.	6,085 lbs.
Curb Weight Distribution (% front/rear)	57 % / 43 %	57 % / 43 %	57 % / 43 %

Towing Capacity	L	LX	EX
Towing Capacity (lbs.)	3,500 lbs.	3,500 lbs.	3,500 lbs.

Estimated Fuel Economy	L	LX	EX
Automatic Transmission (est)	-	-	-
City	18	18	18
Highway	24	24	24
Combined	21	21	21

2020 Kia Sedona Features & Options
Line Item 21
S = Standard
-- = Not Available
O = Optional

Mechanical	L	LX	EX	SX
3.3L V6 Lambda II Gasoline Direct Injection (GDI) engine	S	S	S	S
8-speed automatic transmission	S	S	S	S
Sportmatic	S	S	S	S
Active Eco System	S	S	S	--
High performance dampers	--	--	O	S
Hydraulic Power Steering (HPS)	S	S	--	--
Rack Mounted Motor Driven Power Steering (MDPS)	--	--	S	S

Exterior	L	LX	EX	SX
17-inch Alloy wheels	S	S	--	--
18" Alloy wheels	--	--	S	--
18" Machine finished alloy wheels	--	--	--	S
Temporary steel wheel and tire	S	S	S	S
Projection headlamps with escort function	S	S	S	--
LED projection headlamps with automatic levelling device	--	--	--	S
Dynamic Bending Light (DBL)	--	--	--	S
Auto light control	S	S	S	S
Positioning lights	S	S	S	--
LED Positioning lights	--	--	--	S
Projection fog lights	--	--	O	--
LED fog lights	--	--	--	S
Rear combination lamps	S	S	S	--
LED rear combination lamps	--	--	--	S
LED High Mounted Stop Lamp	S	S	S	S
Body-color outside door handles	S	S	S	--

Line Item 21

Chrome outside door handles	--	--	O	S
Body-color outside mirrors	S	S	S	S
Power adjustable outside mirrors with turn signal indicators	S	S	S	S
Power folding outside mirrors	--	--	O	S
Heated outside mirrors	--	--	O	S
Privacy glass (2nd row sliding door, tailgate, quarter fixed glass)	--	S	S	S
Delta fixed glass (tinted)	S	S	S	S
Solar glass windshield and front doors	S (windshield only)	S (windshield only)	S	S
Acoustic windshield	--	--	O	S
Variable intermittent windshield wipers	S	S	S	S
Black mesh grille	S	S	S	--
Unique finish mesh grille	--	--	--	S
Body-color bumper	S	S	S	--
Unique finish bumper	--	--	--	S
Black DLO surround molding	S	S	S	--
Chrome DLO surround molding	--	--	O	S
Silver painted roof rails	--	--	S	S
Manual tailgate	S	S	S	--
Smart power tailgate	--	--	O	S
Tailgate window defroster	S	S	S	S
Manual sliding doors	S	--	--	--
Power sliding doors	--	S	S	S
Chrome rear garnish	S	S	S	S
Rear spoiler	S	S	S	S
Single muffler (Hidden type)	S	S	S	S
Trailer hitch	O	O	O	O
Single sunroof	--	--	O	S

Interior	L	LX	EX	SX
Tilt and telescopic steering column	S	S	S	S
3.5" OLED meter cluster	S	S	S	--

Line Item 21

Supervision meter cluster	--	--	O	S
Trip computer	S	S	S	S
Rheostat	S	S	S	S
Day/night interior rear view mirror	S	S	--	--
EC rear-view mirror with Homelink®	--	--	S	S
Dual glove box without illumination	S	S	-	-
Dual glove box with illumination	--	--	S	S
Dual glove box with cooling	--	--	O	S
Overhead console with conversation mirror	S	S	S	S
Illuminated visor vanity mirrors with extension and ticket holder	S	S	S	S
Floor console with overhead lamp and sunglass case	S	S	S	S
Center armrest with storage box and cup holders	S	S	S	S
Power outlet in center fascia and rear console	S	S	S	S
Map lamp	S	S	S	S
2nd and 3rd row room lamps	S	S	S	S
Cargo lamp	S	S	S	S
Matte Silver painted interior door handles	S	S	-	-
Chrome interior door handles	--	--	S	S
2nd/3rd row sunshade screen	--	--	S	S
Cup holder (x12)	S	S	S	S
Assist grips (x5)	S	S	S	S
Coat hooks (x6)	S	S	S	S
12-volt power outlets (x3)	S	S	S	S
115V inverter (behind center console)	--	--	O	S
Metal grain 1st/2nd row door garnish	--	--	O	S
Luggage net hook	S	S	S	S
Luggage 110V inverter (x2)	--	--	--	S
Luggage power outlet	S	S	S	S

Line Item 21

Front door courtesy reflector	S	S	S	S
Front and rear door bottle holder	S	S	S	S
Door scuff plates	S	S	S	S
Carpet floor mats	--	--	O	S

Seating & Trim	L	LX	EX	SX
7 passenger seating (without 2nd row center bench seat)	S	--	--	--
8 passenger seating (added 2nd row center bench seat)	--	S	S	S
Leather seat trim	--	--	S	S
8-way power adjustable driver's seat including 2-way power adjustable lumbar support	--	S	S	--
8-way power adjustable driver's seat including 4-way power adjustable lumbar support	--	--	O	S
8-way power adjustable front passenger seat	--	--	O	S
Sliding and reclining adjuster, front seats	S	S	S	S
Heated front seats (3-levels)	--	--	S	S
Ventilated front seats (3-levels)	--	--	--	S
Integrated Memory System (IMS): Driver's seat	--	--	O	S
Front seatback pockets	S	S	S	S
2nd row stand up / sliding seats with armrest	S	S	S	S
Slide-N-Stow 2nd row seat function	S	S	S	S
3rd row 60/40 split-folding seats with double reclining	S	S	S	S
3rd row sinking seating (manual)	S	S	S	S
Driver's seat height adjuster	S	S	S	S
Front and rear adjustable headrests	S	S	S	S

Line Item 21

Polyurethane steering wheel and gear shift knob	S	S	--	--
Leather wrapped steering wheel and gear shift knob	--	--	S	S
Heated steering wheel	--	--	--	S

Comfort, Convenience & Technology	L	LX	EX	SX
Air conditioning with front and rear controls	S	S	-	--
Tri-zone automatic air conditioning with filtration and auto defog	--	--	S	S
7-inch touch screen audio display with UVO play, radio, MP3, rear camera display, Android Auto, and Apply CarPlay smartphone integration	S	S	--	--
7-inch touch screen audio display with UVO eServices, TMU, rear camera display, radio, SIRIUS, Android Auto and Apple CarPlay smartphone integration (UVO3)	--	--	S	--
8-inch audio display with navigation, rear camera display, radio, CD, MP3, iPod, SIRIUS, VR, TMU, Android Auto and Apple CarPlay smartphone integration (AVN5.0)	--	--	--	S
Rear seat entertainment system	--	--	O	S
4 speaker audio system	S	--	--	--
6 Speaker audio system including front tweeters	--	S	S	--
8-speaker Harman Kardon audio system including amplifier and subwoofer	--	--	--	S
USB/auxiliary input jacks	S	S	S	S
Rapid Charge USB (x2)	--	--	O	S

Line Item 21

3rd Row USB port	--	--	O	S
Wireless phone charging	--	--	S	S
Bluetooth® wireless technology	S	S	S	S
Steering wheel mounted auto cruise control	S	S	S	S
Steering wheel audio controls	S	S	S	S
Power door locks with two-turn entry system and Remote Fob	S	S	S	S
Second-row sliding door handles with smart key button	--	--	S	S
Keyless entry system with burglar and panic alarm	S	S	--	--
Folding key	S	S	--	--
Smart key push button start with burglar and panic alarm	--	--	S	S
Power front/rear windows with Driver's auto up/down	S	S	S	S
Power windows with auto up/down Passenger and 2nd row	--	--	O	S
1st and 2nd row safety power windows	--	--	O	S
Drive Mode Select (DMS)	--	--	--	S

Safety & Security	L	LX	EX	SX
Dual front advanced air bags	S	S	S	S
Full-length side curtain air bags	S	S	S	S
Front seat-belt pretensioners	S	S	S	S
Height-adjustable front seat-belt anchors	S	S	S	S
3-point seat belts	S	S	S	S
Speed sensing door lock	S	S	S	S
Impact sensing door unlock	S	S	S	S
Anti-lock Brakes System (ABS)	S	S	S	S
Electronic Stability Control (ESC)	S	S	S	S

Line Item 21

Hill-start Assist Control (HAC)	S	S	S	S
Vehicle Stability Management (VSM)	--	--	S	S
Traction Control System (TCS)	S	S	S	S
Brake Assist Control (BAS)	S	S	S	S
Electronic Brake Distribution (EBD)	S	S	S	S
Lower Anchors and Tethers for Children (LATCH)	S	S	S	S
Tire-Pressure Monitoring System (TPMS)				
High Line	S	S	S	S
Immobilizer	--	--	S	S

Drive Wise	L	LX	EX	SX
Parking Distance Warning-Forward (PDW-F)	--	--	S	S
Parking Distance Warning-Reverse (PDW-R)	--	--	S	S
Blind Spot Collision Warning (BCW)	--	--	S	S
Rear Cross-Traffic Collision Warning (RCCW)	--	--	S	S
Lane Departure Warning System (LDWS)	--	--	O	S
Forward Collision Warning (FCW)	--	--	O	S
Forward Collision Avoidance (FCA)	--	--	O	S
Driver Attention Warning (DAW)	--	--	O	S
Electronic Parking Brake (EPB)	--	--	O	S
Smart Cruise Control (SCC) with Stop and Go	--	--	O	S
High Beam Assist (HBA)	--	--	O	S
Low Beam Assist-Dynamic (LBA-D)	--	--	--	S
Surround View Monitor (SVM)	--	--	--	S