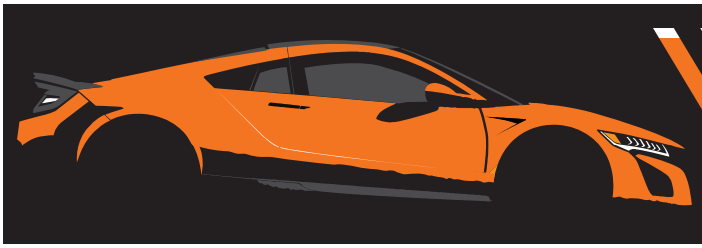

SPECIFICATIONS AND FEATURES
2019 NSX

• = Standard, T = Technology Package, TS = Technology Package with Satellite Radio, CFE = Carbon Fiber Exterior Package, CFI = Carbon Fiber Interior Package, O = Factory-Installed Feature, A = Accessory

ENGINE/MOTOR	
Engine Type	Twin-turbocharged DOHC 24-valve V-6
Engine Layout	Longitudinally mid-mounted
Displacement (l [cc])	3.5 (3493)
Bore and Stroke (in. [mm])	3.6 x 3.5 (91.0 x 89.5)
Compression Ratio	10.0:1
Power (hp [kW] @ rpm, SAE net)	500 (373) @ 6500–7500
Torque (lb-ft [Nm] @ rpm, SAE net)	406 (550) @ 2000–6000
Power Output per Liter (hp [kW])	143/1
Total System Power (hp [kW])	573 (427)
Total System Torque (lb-ft [Nm])	476 (645)
Maximum Engine Speed (rpm)	7500
Cylinder Block Material	Aluminum-alloy
Cylinder Bore Lining	Plasma transferred wire arc thermal spray
Cylinder Bank Angle (degrees)	75
Crankshaft Construction	Forged steel
Piston Construction	Cast aluminum with integrated cooling channel
Connecting Rod Construction	Forged steel, dowel pin
Cylinder Head Material	Aluminum-alloy
Variable Valve Timing	Intake and exhaust
Camshaft Drive Type	2-step chain drive
Intake Valves	Forged steel
Exhaust Valves	Sodium-filled forged steel
Valve Angle (degrees)	30
Lubrication System	Dry sump with 6-rotor scavenge pump
Oil Type	Synthetic 0W-40
Fuel Delivery	Direct Injection/multi-point port injection
Throttle Control	Drive-by-Wire™ throttle system
Idle Stop (operates in Quiet and Sport modes)	•
Exhaust System Layout	Dual catalytic converter, dual path per bank
Turbocharger Type	Twin single vane
Maximum Boost Pressure	105 kPa (1.05 bar)
Turbine Construction	Inconel
Wastegate Control	Electrical
Recirculation Valves	Air bypass type
Intercooler Dimensions (width/height/depth [mm])	232.2/382/64
CARB Emissions Rating[32]	ULEV 125
REAR DIRECT-DRIVE MOTOR	
Electric Motor Type	Water-cooled motor/generator
Electric Motor Layout	Direct drive situated between engine and transmission; crankshaft output shaft-attached permanent magnet rotor and in-engine body copper windings
Power (hp [kW] @ rpm)	47 (35) @ 3000
Torque (lb-ft [Nm] @ rpm)	109 (148) @ 500–2000
FRONT TWIN-MOTOR UNIT	
TMU Electric Motor Type	Twin traction motor/generator
TMU Electric Motor Layout	Independent, twin motors packaged back-to-back with a single-clutch, gear-linked system
Power (hp [kW] @ rpm)	36 + 36 (27 + 27) @ 4000
Torque (lb-ft [Nm] @ rpm)	54 + 54 (73 + 73) @ 0–2000
BATTERY SYSTEM	
Battery Type	Lithium-ion
Number of Cells	72 (4 modules with 18 cells each)

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PRECISION CRAFTED PERFORMANCE

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DRIVETRAIN AND TRANSMISSION	
Sport Hybrid Super Handling All-Wheel Drive™(Sport Hybrid SH-AWD®)	•
9-Speed Dual Clutch Transmission	•
Sequential SportShift Paddle Shifters	•
Integrated Dynamics System (IDS) (Quiet, Sport, Sport +, Track)	•
Launch Mode Control (operates in Sport +, Track modes)	•
Gear Ratios (:1)	
1st	3.838
2nd	2.433
3rd	1.778
4th	1.428
5th	1.211
6th	1.038
7th	0.881
8th	0.747
9th	0.634
Reverse	2.395
Final Drive	3.583
Limited-Slip Rear Differential	Wet multi-plate
Limited-Slip Rear Torque Bias	Drive 2.0, coast 2.6, 30 Nm pre-load
CHASSIS	
Body and Frame Construction	Multi-material (primarily aluminum) space frame with aluminum and low-density SMC outer panels and cast-aluminum suspension mounting points
SUSPENSION AND STEERING	
Front Suspension	Independent double-wishbone, double joint lower control arm, aluminum-alloy construction
Rear Suspension	Independent multi-link, aluminum-alloy construction
Front Stabilizer Bar Diameter (in. [mm])	1.19 (30.1) hollow steel
Rear Stabilizer Bar Diameter (in. [mm])	1.36 (34.5) hollow steel
Damper Type	Active Gen III magnetorheological coilovers
Steering Type	Variable ratio rack and pinion, dual-pinion EPS
Steering Ratio	Variable progressive; Range: 12.9:1 (on center) to 11.07:1
Turns Lock-To-Lock	1.91
Turning Diameter – Curb to Curb (ft. [m])	39.8 (12.1)
BRAKES	
Electro-Servo Brake (ESB) system	•
Vented 4-wheel Disc Brakes	•
Front Caliper Type	Brembo 6-piston aluminum-alloy monoblock
Front Rotor Type (Standard)	2-piece floating iron disc with aluminum-alloy center
Front Rotor Type (Optional)	2-piece floating carbon ceramic disc with aluminum-alloy center
Front Rotor Dimension (in.)	14.5 x 1.3 (iron); 15.0 x 1.3 (carbon-ceramic)
Rear Caliper Type	Brembo 4-piston aluminum-alloy monoblock
Rear Rotor Type (Standard)	2-piece floating iron disc with aluminum-alloy center
Rear Rotor Type (Optional)	2-piece floating carbon ceramic disc with aluminum-alloy center
Rear Rotor Dimension (in.)	14.2 x 1.3
Iron Rotors with Black Calipers	•
Carbon-Ceramic Rotors with Black Calipers	O
Carbon-Ceramic Rotors with Silver Calipers	O
Carbon-Ceramic Rotors with Red Calipers	O
Carbon-Ceramic Rotors with Orange Calipers	O
Hill Start Assist	•
4-Wheel Anti-Lock Braking System (ABS)	•
Electronic Brake Distribution (EBD)	•
Brake Assist	•
Electric Parking Brake	•

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WHEELS AND TIRES	
Y-Spoke Forged Aluminum-Alloy	•
Interwoven Forged Aluminum-Alloy	O
Front Wheel Size	19 x 8.5
Rear Wheel Size	20 x 11.0
Continental SportCompact™ 6	•
Pirelli P Zero™ Trofeo R	A
Front Tire Size	P245/35 ZR19 93Y
Rear Tire Size	P305/30 ZR20 103Y
Spare Tire	Tire Sealant and Inflator Kit
EXTERIOR DIMENSIONS (in. [mm])	
Wheelbase	103.5 (2630)
Track – Front/Rear	65.2/63.7 (1656/1618)
Length (without front license plate holder)	176.1 (4473)
Width (without side mirrors)	76.3 (1939)
Width (with side mirrors)	87.3 (2217)
Height (without antenna)	47.8 (1215)
Height (with antenna)	48.2 (1224)
Ground Clearance – Unladen	4.2 (108)
Ground Clearance – Laden	3.8 (96)
Angle of Approach/Departure (degrees)	9.2/12.9
INTERIOR DIMENSIONS (in. [mm])	
Headroom	38.3 (972)
Shoulder Room	57.7 (1464)
Hiproom	54.5 (1385)
Legroom	42.9 (1089)
CAPACITIES	
EPA Passenger Volume (cu. ft. [l])	54.7 (1549)
EPA Cargo Volume[30] (cu. ft. [l])	4.4 (125)
Fuel Tank Capacity (gal. [l])	15.6 (59)
CURB WEIGHT/DISTRIBUTION	
NSX (lb. [kg])	3803 (1725)
Weight Distribution – Front/Rear (%)	42/58
PERFORMANCE	
0 to 60 mph (sec.)	TBD
0 to 100 mph (sec.)	TBD
Estimated Top Speed (mph)	191
EPA FUEL ECONOMY RATINGS[24]	
City/Highway/Combined (mpg)	21/22/21
Required Fuel	Premium unleaded (91 octane)
WARRANTY	
Vehicle	4-year/50,000-mile
Powertrain	6-year/70,000-mile
Outer Body Rust-Through	5-year/unlimited-mile
Acura Genuine Accessories[13]	4-year/50,000-mile
Acura Total Luxury Care® (TLC®) with Roadside Assistance	4-year/50,000-mile

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EXTERIOR FEATURES	
Jewel Eye® LED Headlights	•
Auto-On/Off Headlight Operation	•
Auto High-Beam Headlights	•
LED-Illuminated Taillights, Side Mirror-Integrated Directional Signals, Rear License and Center High-Mount Brake Light	•
Black Front Spoiler	•
Carbon-Fiber Front Spoiler	CFE
Black Aluminum-Alloy Roof	•
Carbon-Fiber Roof	O
Intermittent Windshield Wipers	•
Acoustic Glass Windshield	•
Acoustic Glass Side Windows	•
Acoustic Glass Rear Glass	•
Acoustic Glass Engine Compartment Glass	•
Flush-Mounted Automatic Door Handles	•
Heated Side Mirrors with Reverse Gear Tilt-Down	•
Black Side Sills	•
Carbon Fiber Side Sills	CFE
Capless Fuel Filler	•
Engine Cover	•
Carbon Fiber Engine Cover	CFE
Body-Color Rear Decklid	•
Carbon Fiber Rear Spoiler	O
Black Rear Diffuser	•
Carbon Fiber Rear Diffuser	CFE
Chrome Exhaust Finisher	•
Dark Chrome Exhaust Finisher	CFE
Wheel Locks	A
Car Cover	A
SEATING AND INTERIOR TRIM FEATURES	
4-Way Manual Driver's Seat	O
4-Way Power Driver's Seat with Power Lumbar Support	•
4-Way Manual Passenger's Seat	O
4-Way Power Passenger's Seat with Power Lumbar Support	•
Heated Seats	O
Milano Leather/Alcantara® Sport Seats	•
Semi-Aniline Leather/Alcantara® Sport Seats	O
Semi-Aniline Full Leather Sport Seats	O
Leather-Wrapped Steering Wheel with Metallic Silver Spokes	•
Carbon Fiber Upper Steering Wheel Rim with Carbon Fiber Spokes	CFI
Alcantara® Meter Visor	•
Carbon Fiber Meter Visor	CFI
Leather-Covered Door Panels	•
Cloth Headliner	•
Alcantara Headliner	CFI
Brushed Aluminum-Alloy Pedals and Footrest	•
Illuminated Door Sills	A
Carpeted Floor and Trunk Mats	A

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COMFORT AND CONVENIENCE FEATURES	
Dual-Zone Automatic Climate Control with Air Filtration	•
Tilt and Telescopic Steering Column	•
Steering Wheel-Mounted Controls (Cruise Control, Audio, Phone, Multi-Information Display and Available Voice Recognition)	•
Keyless Access System with Acura Personalized Settings	•
Driver Memory	•
Pushbutton Ignition	•
One-Touch Turn Signals	•
Power Windows with Auto-Up/Down and Auto-Reverse	•
Power Door Locks	•
Cruise Control	•
Remote-Operated Windows Function	•
Retained Accessory Power for Windows	•
HomeLink®[47]	•
Compass	•
Maintenance Minder™ System	•
Ambient Cabin Lighting	•
Auto-Dimming Rearview Mirror	•
12-Volt Power Outlets	•
Active Sound Control	•
Intake Sound Control	•
Cargo Net	A
Battery Charger Kit	A
AUDIO FEATURES	
ELS Studio®[20] Premium Audio System with 9 Speakers	•
MP3/Auxiliary Input Jack	•
USB Audio Interface[7] with iPod®[8] Integration	•
Bluetooth® Streaming Audio[9]	•
SiriusXM® Radio[4]	TS
HD Radio®[58]	•
Pandora® Compatibility[28]	•
Song By Voice®	•
MEDIA AND CONNECTIVITY FEATURES	
Acura Navigation System with 3D View[18]	•
Next-Generation AcuraLink®[40]	•
AcuraLink Real-Time Traffic™ with Traffic Rerouting™ and Exclusive Street and Freeway Conditions[22]	•
Bluetooth® HandsFreeLink®[9] Wireless Telephone Interface	•
Color Multi-Information Display (MID) with Turn-by-Turn Guidance	•
Siri® Eyes Free[48]	•
SMS Text Message Capability[27]	•
Wi-Fi Connectivity	•
Apple CarPlay™ Integration[49]	•
Android Auto™ Integration[50]	•
SAFETY, DRIVER-ASSIST AND SECURITY FEATURES	
Side-Impact Door Beams	•
LED Daytime Running Lights (DRL)	•
3-Point Seat Belts with Load Limiters and Automatic Tensioning System	•
Advanced Front Airbags (SRS)	•
Driver's Knee Airbag	•
SmartVent™ Front Side Airbags	•
Side Curtain Airbags with Rollover Sensor	•
Vehicle Stability Assist ™ (VSA®)[10] with Traction Control	•
Parking Sensors (front and rear)	T, TS
Multi-View Rear Camera with Dynamic Guidelines[33]	•
LATCH (Lower Anchors and Tethers for CHildren) Child-Seat Mounting System	•
Tire Pressure Monitoring System (TPMS)[51] with Location and Pressure Indicators	•
Theft-Deterrent System with Electronic Immobilizer	•
Tire Sealant and Inflator Kit	•

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DISCLAIMERS

32. AT-PZEV (Advanced Technology Partial Zero-Emission Vehicle) models as certified by the California Air Resources Board (CARB) are available in California and states that have adopted California Zero-Emission Vehicle regulations. Models in non-CARB states are ULEV-2 (Ultra-Low-Emission Vehicle) certified by the California Air Resources Board (CARB).

30. Based on SAE J1100 cargo volume measurement standard.

24. Based on 2019 EPA mileage ratings. Use for comparison purposes only. Your actual mileage will vary, depending on how you drive and maintain your vehicle, driving conditions, battery pack age/condition (hybrid only) and other factors.

13. When installed at the time of new-vehicle delivery.

47. HomeLink and the HomeLink house are registered trademarks of Johnson Controls®.

20. ELS Surround® is a registered trademark of Panasonic Corporation of North America. All rights reserved.

7. The USB Audio Interface is used for direct connection to and control of some current digital audio players and other USB devices that contain MP3, WMA or AAC music files. Some USB devices with security software and digital rights-protected files may not work. Please see your local Acura dealer for details on compatibility.

8. Currently includes fifth generation or later Apple iPod, and all generations of iPod Nano, iPod Classic, iPod Touch, or iPhone®. iPod® and iPhone® are registered trademarks of Apple Computer, Inc., registered in the U.S. and other countries.

9. The *Bluetooth* word mark and logos are owned by the *Bluetooth* SIG, Inc., and any use of such marks is under license.

4. SiriusXM Satellite Radio, NavTraffic subscriptions sold separately or as a package after trial period. If you decide to continue your service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call 1-866-635-2349 to cancel. See SiriusXM Customer Agreement for complete terms at siriusxm.com. Other fees and taxes will apply. All fees and programming subject to change. Not all vehicles are capable of receiving all services offered by SiriusXM. Current information and features may not be available in all locations, or on all receivers. SiriusXM is not responsible for any errors or inaccuracies in the NavTraffic service or their use in the vehicle. XM satellite service is available only to those at least 18 years of age in the 48 contiguous USA and DC. SiriusXM Internet Radio service is available throughout our satellite service area and in AK, HI and PR. © 2016 Sirius XM Radio Inc. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

58. HD Radio is a proprietary trademark of iBiquity Digital Corporation.

28. Pandora, logo and trade dress are owned by Pandora Media, Inc., and used with permission. Compatible with select smartphones. See: www.pandora.com/everywhere/mobile. Wireless carrier's rates apply.

18. Acura Navigation System and related features are available in the 48 contiguous United States, Hawaii and Puerto Rico. Some models also include Alaska and Canada. See your local Acura dealer for information regarding navigation system area coverage.

22. AcuraLink Real-Time Traffic™ is operable only in select markets within the 48 contiguous United States plus Vancouver, Toronto and Montreal. AcuraLink Real-Time Traffic™ is available with an XM NavTraffic® subscription.

48. Always remain attentive when driving. Certain functions are disabled or inoperable while the vehicle is in motion. Only operate the system when conditions permit you to safely do so. Avoid focusing on the device display or manually operating the system controls while driving. State or local laws may prohibit the operation of handheld electronic devices while operating a vehicle. iPhone and Siri are trademarks of Apple Inc.

27. Compatible with select phones with *Bluetooth*® only. Your wireless carrier's rate plans apply. State or local laws may limit use of texting feature. Only use texting feature when conditions allow you to do so safely. Drive responsibly. Some state laws prohibit the operation of handheld electronic devices while operating a vehicle. For safety reasons, always launch your audio application or perform any other operation on your phone or audio device only when the vehicle is safely parked.

49. Depending on use, Apple CarPlay can share certain user and vehicle information (e.g., vehicle location, speed and other operating conditions) with the connected iPhone. See Apple's privacy policy for details regarding Apple's use and handling of data uploaded by CarPlay. Use of CarPlay is at user's own risk, and is subject to agreement to the CarPlay terms of use, which are included as part of the Apple iOS terms of use. CarPlay vehicle integration is provided "as is," and Honda cannot guarantee CarPlay knee or functionality now or in the future due to, among other conditions, changes in CarPlay software/Apple iOS, service interruptions, or incompatibility or obsolesce of vehicle-integrated hardware or software. See dealer for details.

50. Depending on use, Android Auto can share certain user and vehicle information (e.g., vehicle location, speed and other operating conditions) with Google and its service providers. See Google privacy policy for details regarding Google's use and handling of data uploaded by Android Auto. Use of Android Auto is at user's own risk, and is subject to agreement to the Android Auto terms of use, which are presented to the user when the Android Auto application is downloaded to the user's Android phone. Android Auto vehicle integration is provided "as is," and Acura cannot guarantee Android Auto operability or functionality now or in the future due to, among other conditions, changes in Android Auto software/Android operating system, service interruptions, or incompatibility or obsolesce of vehicle-integrated hardware or software. See dealer for details. Only use Android Auto when conditions allow you to do so safely.

10. VSA is not a substitute for safe driving. It cannot correct the vehicle's course in every situation or compensate for reckless driving. Control of the vehicle always remains with the driver.

33. Always visually confirm that it is safe to drive before backing up; the rear view camera display does not provide complete information about all conditions and objects at the rear of your vehicle.

51. For optimal tire wear and performance, tire pressure should be checked regularly with a gauge. Do not rely solely on the monitor system. Please see the *Owner's Manual* for details.

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