

SPECIFICATIONS AND FEATURES

NSX Type S

• = Standard, LWP = Lightweight Package, CFI = Carbon Fiber Interior Sport 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 @ rpm, SAE net)	520 @ 6500–6850
Torque (lb-ft @ rpm, SAE net)	443 @ 2300–6000
Power Output per Liter (hp)	149/1
Total System Power (hp)	600
Total System Torque (lb-ft)	492
Maximum Engine Speed (rpm)	7500
Cylinder Block Material	Aluminum-alloy
Cylinder Head Material	Aluminum-alloy
Variable Valve Timing	Intake and exhaust
Fuel Delivery	Direct Injection/multi-point port injection
Throttle Control	Drive-by-Wire™ throttle system
Idle Stop	•
Exhaust System Layout	Dual exhaust outlets, dual path per bank
Turbocharger Type	Single-Scroll
Maximum Boost Pressure (psi)	16.1
CARB Emissions Rating ³²	TBA

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

Hybrid Battery Type	Lithium-ion
kW	63
kWh	1.3

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

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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)
Rear Stabilizer Bar Diameter (in. [mm])	1.36 (34.5)
Damper Type	Active magnetorheological
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])	39.7 (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
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	•
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	O
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	O
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	O
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	O
4-Piston Rear Aluminum Monoblock Brake Calipers with Carbon Ceramic Rotors	O
Hill Start Assist	•
4-Wheel Anti-Lock Braking System (ABS)	•
Electronic Brake Distribution (EBD)	•
Brake Assist	•
Electric Parking Brake	•

WHEELS AND TIRES

Shark Gray Split 5-Spoke Forged Aluminum Wheels	•
Gloss Black Split 5-Spoke Forged Aluminum Wheels	O
Front Wheel Size	19 x 8.5
Rear Wheel Size	20 x 11.0
Pirelli® P ZERO™ Ultra High Performance Tires	•
Front Tire Size	P245/35 ZR19 93Y
Rear Tire Size	P305/30 ZR20 103Y
Spare Tire	Tire Sealant and Inflator Kit

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EXTERIOR DIMENSIONS (in.)

Wheelbase	103.5
Track – Front/Rear	65.5/64.5
Length (without front license plate holder)	178.5
Width (in., including mirrors/mirrors folded)	87.3/76.3
Height	47.8
Ground Clearance – Unladen	3.8
Angle of Approach/Departure (degrees)	9.2/12.9

INTERIOR DIMENSIONS (in.)

Headroom	38.3
Shoulder Room	57.7
Hiproom	54.5
Legroom	42.9

CAPACITIES

EPA Passenger Volume (cu. ft.)	44
EPA Cargo Volume* (cu. ft.)	3.9
Fuel Tank Capacity (gal.)	15.6

*Based on SAE J1100 cargo volume measurement standard.

CURB WEIGHT/DISTRIBUTION

NSX (lb.)	TBA
Weight Distribution – Front/Rear (%)	42/58

PERFORMANCE

Top Speed* (mph)	191
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*Estimated.

EPA FUEL ECONOMY RATINGS⁶³

City/Highway/Combined (mpg)	TBA
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®) ¹⁴ with Roadside Assistance	4-year/50,000-mile

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	•
Carbon-Fiber Front Spoiler	•
Carbon-Fiber Roof	•
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	•
Carbon Fiber Side Sills	•
Capless Fuel Filler	•
Gloss Carbon Fiber Engine Cover	LWP, O
Carbon Fiber Rear Decklid Spoiler	•
Carbon Fiber Rear Diffuser	•
Dark Chrome Exhaust Finisher	•
Wheel Lock Bolts	A

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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	•
Sport Seats with Semi-Aniline Premium Leather-and-Alcantara®-Trimmed Interior	•
Sport Seats with Perforated Semi-Aniline Premium Leather-Trimmed Interior	O
Leather-Wrapped Sport Steering Wheel	•
Carbon Fiber Steering Wheel Garnish	CFI, LWP
Carbon Fiber Meter Visor	CFI, LWP
Leather-Trimmed Dash and Door Panels	•
Alcantara Headliner	•
Brushed Aluminum-Alloy Pedals and Footrest	•
Illuminated Door Sills	A
Premium Mat Set	A

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® ⁶⁶ Integration	•
Bluetooth® Streaming Audio ⁹	•
SiriusXM® Radio ⁴	O
HD Radio® ⁶⁸	•

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® ⁶³ 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	•

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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) ²⁶	•
Driver's Knee Airbag ²⁶	•
SmartVent™ Front Side Airbags ²⁶	•
Side Curtain Airbags with Rollover Sensor ²⁶	•
Vehicle Stability Assist™ (VSA) ^{®10} with Traction Control	•
Parking Sensors (front and rear)	•
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	•

DISCLAIMERS

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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.
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.
13. When installed at the time of new-vehicle delivery.
14. See your local dealer for details about Total Luxury Care® (TLC) Roadside Assistance, and Concierge Service.
18. Acura Navigation System and related features are available in the 48 contiguous United States, Puerto Rico and parts of Canada. See your local Acura dealer for information regarding navigation system area coverage.
20. ELS Surround® is a registered trademark of Panasonic Corporation of North America. All rights reserved.
22. AcuraLink Real-Time Traffic™ is operable only in select markets within the 48 contiguous United States plus Vancouver, Toronto and Montreal. The service is available at no cost for three years after purchase whereupon it will continue to be available on a subscription basis.
26. Acura reminds you and your passengers to always buckle up. Children 12 and under are safest when properly restrained in the rear seat.
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.
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).
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.
40. Many AcuraLink features are free of charge. Live call safety & security and mobile interactive features require a subscription. Live concierge requires a separate subscription. Subscriptions available for free three-month trial.
47. HomeLink and the HomeLink house are registered trademarks of Johnson Controls®.
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.
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 Acura cannot guarantee CarPlay operability or functionality now or in the future due to, among other conditions, changes in CarPlay software/Apple iOS, service interruptions, or incompatibility or obsolescence of vehicle-integrated hardware or software. See dealer for details.
50. To wirelessly use Android Auto on your car display, you need a compatible Android smartphone with an active data plan. 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 obsolescence of vehicle-integrated hardware or software. See dealer for details. Only use Android Auto when conditions allow you to do so safely. Google, Google Play and Android Auto are trademarks of Google LLC.
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.
58. HD Radio is a proprietary trademark of iBiquity Digital Corporation.
63. Based on 2022 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.