



TECHNICAL SPECIFICATIONS

POWER UNIT

Sport Hybrid SH-AWD® power unit	Front wheels: mechanically independent from rear power unit components, two electric motors (Twin Motor Unit); rear wheels: twin-turbocharged V6 gasoline engine with one Direct Drive Motor and 9-speed DCT
Maximum total system power	573 hp
<small>Horsepower includes the maximum power of the engine and all motors combined that can be produced at any one time. Not SAE net.</small>	
Approx. top speed	307 km/h

ENGINE

Type	Twin-turbocharged DOHC V6
Layout	Longitudinally mid-mounted
Horsepower	500 hp @ 6500–7500 rpm
Torque	406 lb.-ft. @ 2000–6000 rpm
Displacement	3493 cc
Bore and stroke	91.0 mm x 90.0 mm
Compression ratio	10.0:1
Maximum engine speed	7500 rpm
Intake valve construction	Forged steel
Exhaust valve construction	Forged steel, sodium-filled
Valve angle	30 degrees (include angle)
Cylinder block and head material	Aluminum alloy
Cylinder bore lining	Plasma transferred wire arc thermal spray
Cylinder bank angle	75 degrees
Crankshaft construction	Forged steel
Piston construction	Cast aluminum with integrated cooling channel
Connecting rod construction	Forged steel, dowel pin
Throttle control	Drive-by-Wire Throttle System™
Fuel requirement	Premium unleaded
Lubrication	Dry sump system with 6-rotor scavenge pump
Oil type	Synthetic 0W-40
Cooling system	Liquid and oil cooling
Exhaust system layout	Dual catalytic converter, dual path per bank
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TWIN TURBOCHARGERS

Turbocharger type	Single vane
Maximum boost pressure	105 kPa (1.05 bar)
Turbine construction	Inconel
Wastegate control	Electrical
Recirculation valves	Air bypass type
Intercooler dimensions	Width 232.2 mm; height 382 mm; thickness 64 mm

REAR DIRECT DRIVE MOTOR

Type	Water-cooled motor/generator
Layout	Direct drive situated between engine and transmission; crankshaft output shaft-attached permanent magnet rotor and in-engine body-copper windings
Horsepower	47 hp @ 3000 rpm
Torque	109 lb.-ft. @ 500-2000 rpm

TRANSMISSION AND REAR AXLE

Type	9-speed dual clutch transmission (9DCT)
1st-gear ratio	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
Rear axle ratio	3.583
Limited slip differential – Wet multi plate	Torque bias ratio: Drive 2.0, Coast 2.6, 30N-m Pre load

FRONT TWIN MOTOR UNIT (TMU)

Type	Twin traction motor/generator
Layout	Independent, twin motors packaged back-to-back with a single clutch, gear-linked system
Horsepower	36 hp + 36 hp @ 4000 rpm
Torque	54 lb.-ft. + 54 lb.-ft. @ 0-2000 rpm

ADDITIONAL POWER UNIT CONTROLS

Integrated Dynamic System (IDS)	Four-mode system: Quiet, Sport, Sport+, Track
Hill Start Assist ¹	
Engine idle stop-start feature	

BODY/SUSPENSION/CHASSIS

Chassis type	Aluminum-intensive, multi material
Body/frame construction	Multi-material (primarily aluminum) space frame with aluminum and low-density SMC outer panels, and cast aluminum suspension mounting points
Ablation cast aluminum nodes	Complex high-performance aluminum castings for crush zones
Corrosion pre-treatment	Zirconium pre-treat material
A-Pillar structure	3-D bent and quenched ultra-high-strength steel (1500 Mpa)
Amplitude Reactive Dampers	
Floor panel	Carbon fibre core
Front suspension type	Double-wishbone, double lower control arm; aluminum
Rear suspension type	Multi-link; aluminum

BODY/SUSPENSION/CHASSIS (continued)

Front brake calipers	Brembo 6-piston aluminum monoblock
Front brake rotor type	Base: 2-pc floating iron disks with aluminum centre Option: 2-pc floating carbon ceramic disks with aluminum centre
Front brake rotor size	Iron: 370 mm diameter x 33 mm thick Option: Carbon ceramic: 380 mm diameter x 33 mm thick
Rear brake calipers	Brembo 4-piston aluminum monoblock
Rear brake rotor type	Base: 2-pc floating iron disks with aluminum centre Option: 2-pc floating carbon ceramic disks with aluminum centre
Rear brake rotor size	360 mm diameter x 33 mm thick (both iron and carbon ceramic)
Stabilizer bars – front and rear	
Steering type	Variable ratio rack and pinion; dual-pinion EPS
Steering wheel turns, lock-to-lock	1.91
Steering ratio	Variable progressive; range: 12.9:1 (on centre) to 11.07:1
Turning radius, curb-to- curb (m)	12.1
Front wheels	19" forged aluminum
Front tires	245/35ZR19
Rear wheels	20" forged aluminum
Rear tires	305/30ZR20
Spare tire	Tire Repair Kit (TRK)
Fuel tank layout	Twin fuel tanks mounted between the engine and IPU

EXTERIOR DIMENSIONS

Wheelbase	2629 mm
Length	4470 mm
Height	1214 mm
Width	2217 mm
Track (front/rear)	1656 mm/1617 mm
Ground clearance – Non-load	94 mm
Approach/departure angles	9.2°/12.9°

CAPACITIES

Fuel tank capacity	59 litres
Curb weight (depending on options ranges)	1725 kg – 1800 kg
Weight distribution (front/rear without options)	42%/58%

INTERIOR DIMENSIONS

Head room	973 mm
Hip room	1384 mm
Leg room	1087 mm
Shoulder room	1463 mm
Cargo volume (behind rear engine compartment)	110 litres
Passenger volume	1246 litres
Seating capacity	2

ACTIVE SAFETY

Anti-lock Braking System¹ (ABS) with Electronic Brake-force Distribution (EBD) and Brake Assist
LED daytime running lights
Multi-angle rearview camera¹ with dynamic guidelines
Tire Pressure Monitoring System² (TPMS) with Tire Fill Assist and location and pressure indicators
Vehicle Stability Assist (VSA[®])¹ with Traction Control

PASSIVE SAFETY

3-point seat belts with front automatic tensioning system
Driver's and passenger's seat-belt reminder
Single-stage driver, dual-stage passenger, multiple-threshold front airbags (SRS)
SmartVent™ side airbags
One-row side curtain airbags with rollover sensor
Upper tether for child seat on passenger side

DRIVER ASSIST TECHNOLOGY

Cruise control
Auto high beam
Corner and backup sensors

EXTERIOR

Flush-mounted automatic power pop-out door handles
Capless fueling system
Radio antenna
Acoustic front windshield
Acoustic glass rear cabin window
LED brake lights
Variable intermittent windshield wipers
Remote keyless smart entry system
Side mirrors
Security system
Jewel Eye™ LED headlights with auto-on/off
Body panels
Roof panel

Integrated front windshield type
Heated power-adjusting side mirrors with reverse gear tilt-down and integrated LED turn signal indicators; optional memory feature
Composite
Aluminum or optional exposed-weave carbon fibre

COMFORT & CONVENIENCE

Beverage holder
Automatic air conditioning with air filtration system
Pushbutton start
Active Noise Cancellation (ANC)/Active Sound Control (ASC)
Power windows with auto-up/down
Power door locks
Tilt and telescoping steering column (manual)
Centre console and storage compartment

Two-cup holder unit that slides into a slot in the centre console on passenger side
Multi-functional storage system

COMFORT & CONVENIENCE (continued)

Lockable glove compartment	
12-volt power outlet	
Power remote fuel filler door release	
Rear engine compartment window defroster with timer	
Cargo area light	
Cargo area tie-down anchors (4)	
Illuminated steering wheel-mounted audio, phone, Display Audio and cruise controls	
Dual-zone automatic climate control with humidity control and air-filtration system	
HomeLink® remote system ³	
Frameless auto-dimming rearview mirror	
Leather-wrapped steering wheel	Available carbon fibre trim
LED interior ambient lighting	
Leather-trimmed instrument panel	
Leather-trimmed door panels	
Alcantara roof lining	Option

SEATING & TRIM

Seats	Perforated leather and Alcantara-trimmed with 4-way power adjusters
Seat leather	Semi-aniline leather standard; Milano leather option
Heated seats	
Sport pedals	

ENTERTAINMENT

7" Display Audio with high-resolution WVGA electrostatic touch-screen	
ELS Studio® Premium Audio System with AM/FM/MP3 playback capability and 9 speakers including subwoofer, auxilliary input jack and USB audio interface ⁴	
HandsFreeLink™-Bluetooth® wireless mobile phone interface ^{1,4} with steering wheel-mounted controls	
Bluetooth® Streaming Audio ⁴	
AcuraLink™ ^{1,4,5} connectivity system	
SMS text message function ⁴	
SiriusXM™ ⁶ , available	
Pandora® compatibility	
Acura Navigation System with Voice Recognition™ ⁷ and Honda HD Digital Traffic	
HDMI® (High-Definition Multimedia Interface) input jack ⁴	In rear console
HD Radio™ ⁸	
Siri Eyes Free compatibility ^{1,4}	
Apple CarPlay™ ^{1,4} / Android Auto™ ^{1,4}	

INSTRUMENTATION

Digital speedometer	TFT screen
Tachometer	TFT screen
Coolant temperature indicator	Analog gauge
Fuel level indicator	Analog gauge

DYNAMIC TFT GAUGE CLUSTER

8" colour TFT screen	
Integrated Dynamics System-linked dynamic meters	Metre graphics colour change: Quiet-blue; Sport-white; Sport+ and Track-red
Average fuel economy indicator	
Gear position indicator	
Instant fuel economy indicator	
Miles-to-empty indicator	
Odometer and trip meters (2)	
Exterior temperature indicator	
Compass	
Turn-by-turn directions	
Customizable feature settings	
Customizable feature settings	

FACTORY OPTIONS

Carbon Fibre Exterior Sport Package	Carbon fibre front spoiler, side sills, rear diffuser, engine cover; dark chrome exhaust finisher
Carbon fibre roof	
Carbon ceramic brake rotors	Includes choice of black, red, silver or orange brake calipers
Carbon fibre rear spoiler	
Exclusive interwoven aluminum alloy wheels	Choice of machined, painted or polished finish
SiriusXM™ ⁶	
Interior Carbon Fibre Sport Package	Includes carbon fibre meter visor and steering wheel garnish, aluminum foot rest and Alcantara headliner
Iron rotors with red calipers	

EXTERIOR COLOURS

Valencia Red Pearl
Nouvelle Blue Pearl
Casino White Pearl
Source Silver Metallic
Thermal Orange
Curva Red
130R White
Berlina Black

INTERIOR COLOURS

Ebony	All exterior colours are available with all interior colours
Saddle	All exterior colours are available with all interior colours
Red	All exterior colours are available with all interior colours
Indigo	All exterior colours are available with all interior colours
Orchid	All exterior colours are available with all interior colours

1. None of the features we describe are intended to replace the driver's responsibility to exercise due care while driving. Drivers should not use handheld devices or operate certain vehicle features unless it is safe and legal to do so. Some features have technological limitations. For more comprehensive product and feature information, limitations and restrictions, please visit www.acura.ca/disclaimers and refer to your vehicle's Owner's Manual.
2. For optimal tire wear and performance, the pressure should be checked regularly with a tire gauge. Do not rely solely on the monitor system.
3. HomeLink® can be programmed with codes of up to three remote-control devices (e.g., garage-door opener, home security system, etc.).
4. Only compatible with certain devices and operating systems. Operation may be dependent upon: 1. GPS satellite signal reception and available cellular data and/or voice connection; or 2. connection to vehicle's built-in Wi-Fi hotspot, if applicable. Associated charges (incl. data plans, roaming charges or other amounts charged by your wireless carrier) may apply.
5. Subscription required. The availability of certain cellular networks is required for AcuraLink to operate properly. Service interruptions may occur and/or vehicle system upgrades may be required if cellular network availability is compromised. Ask your dealer for full terms and conditions.
6. Only available in certain areas. Includes a no-charge trial of three months, beyond which service fees apply.
7. Map Database of the Acura Navigation System covers major metropolitan areas in Canada and the 48 contiguous U.S. states. For a list of current, detailed coverage areas, refer to the Acura website, www.acura.ca.
8. Coverage varies by market.