ACURA
PRECISION CRAFTED PERFORMANCE

2019 MDX Hybrid Competitive Comparison

Standard **(S)**, Optional **(O)**, Not Available **(–)**

	2019 Acura MDX Sport Hybrid SH-AWD	2018 BMW X5 xDrive40e	2018 Lexus RX 450hL	2018 Volvo XC90 T8 Plug In Hybrid
ENGINE/MOTOR				
Engine type	SOHC V-6	DOHC 4-cylinder turbocharged	DOHC V-6	DOHC 4-cylinder turbocharged/ supercharged
Engine displacement (l)	3.0	2.0	3.5	2.0
Power (hp @ rpm)	257 @ 6300	241 @ 5000–6500	259 @ 6000	316 @ 6000
Torque (lb-ft @ rpm)	218 @ 5000	258 @ 1250–4800	247 @ 4800	295 @ 2200–5400
Direct Fuel Injection	S	S	S (includes Port FI)	S
Variable Cylinder Management	–	–	–	–
Variable valve timing	S (i-VTEC®)	S (VANOS)	S (VVT-i)	S
Aluminum-alloy cylinder head and block	S	S	S	S
Idle Stop	S	S	S	S
Motor type	Permanent Magnet	Permanent Magnet	Permanent Magnet	Permanent Magnet
Battery type	Lithium-ion (Li-ion)	Lithium-ion (Li-ion)	Nickel Metal Hydride (Ni-MH)	Lithium-ion (Li-ion)
System combined power (hp)	321[1]	308	308	400
System combined torque (lb-ft)	289	332	Not listed	472
DRIVETRAIN				
2-wheel drive	–	–	–	–
All-wheel drive	S (Electric Super Handling All-Wheel Drive™ [SH-AWD®])	S (xDrive)	S	S (E-AWD)
Torque-vectoring AWD	S	–	–	S
Automatic transmission	S (7-speed DCT)	S (8-speed)	S (ECVT)	S (8-speed)
Selectable drive modes	S (4-mode)	S (ECO PRO)	–	S (5-mode)
Paddle shifters	S	O	O	S
SUSPENSION AND STEERING				
Front suspension	Independent MacPherson strut	Independent double-wishbone	Independent MacPherson strut	Independent double-wishbone
Rear suspension	Independent multi-link	Independent multi-link	Independent multi-link	Independent multi-link
Active Dampers	S	–	–	–
Agile Handling Assist[1]	S	–	–	S (Understeer Control Logic)
Steering type	Electric power-assisted rack-and-pinion steering (EPS)	Electric-assist rack-and-pinion	Electric-assist rack-and-pinion	Electric-assist rack-and-pinion
Turning circle diameter – curb-to-curb (feet)	38.4	41.7	38.8	39.7
BRAKING				
4-wheel disc brakes	S	S	S	S
WHEELS AND TIRES				
Standard wheel size	20 x 8.0	19 X 9.0	18 x 8.0	19 x 8.0 (Momentum); 20 x 9.0 (Inscription/R Design)
Standard tire size	P245/50 R20	P255/50 R19	P235/65 R18	P235/60 R19 (Momentum); P275/45 R20 (Inscription/R Design)
EXTERIOR				
LED headlights	S	O	O	S
Jewel Eye® headlights	S	–	–	–
Auto high beams	S	O	–	S
Heated outside mirrors	S	S	S	S
Auto-dimming side mirrors	O	S	S	O
Power moonroof	S	S (Panoramic)	S; O (Panoramic)	S (Panoramic)
Capless fuel fill	S	–	–	S
Remote-linked power-operated tailgate	S	S	S	S
INTERIOR				
Power driver's seat	S (14-way)	S (14-way)	S (10-way)	S (10-way)
Power front passenger's seat	S (12-way)	S (14-way)	S (10-way)	S (10-way)
Heated front seats	S	S	S	S
Heated and ventilated front seats	O	O	S	O
Second-row seating	S (60/40); O (Captain's chairs)	S (40/20/40)	S (40/20/40)	S (40/20/40)
Sliding second-row seats	S	S	S	S

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INTERIOR				
Heated second-row seats	O	O	O	O
Third-row seating	S (50/50)	–	S	S
Leather-appointed seating	S	O	S	S
Number of passengers	7; O (6)	5	6	7
COMFORT AND CONVENIENCE				
Tri-zone, automatic climate control with air-quality sensor and air filtration	S	S (Dual-zone); O (4-zone)	S	S (4-zone)
GPS-linked[2] climate control	S	–	–	–
Tilt/telescopic steering column	S (Power)	S (Power)	S (Power)	S (Power)
Heated steering wheel	O	O	O	O
Keyless Access System with smart entry, pushbutton ignition	S	S	S	S
Walk away auto lock	S	–	–	–
Remote engine start	S (Long-range)	–	–	O
Remote-operated windows and moonroof-open function	S	–	S	–
Driver memory	S	S	S	S
Adaptive Cruise Control with low-speed follow[3]	S	O	S	S
HomeLink®[4]	S	S	S	O
Automatic dimming rearview mirror	S	S	S	S
Active Sound Control	S	–	–	–
Hill start assist	S	S	–	S
Multi-view rear camera[5] with dynamic guidelines	S	O (Single-view)	S (Single-view)	S (Single-view)
Surround View Camera	O	O	O	O
Second-row side sunshades (manual)	O	O	O	O
SAFETY/DRIVER ASSIST				
Next-Generation Advanced Compatibility Engineering™ (ACE™) body structure	S	–	–	–
Driver's knee airbag	S	–	S (Driver and front passenger)	S
Vehicle Stability Assist™[6] (VSA®) with traction control and motion-adaptive steering	S	S (w/o MAS)	S (w/o MAS)	S (w/o MAS)
Parking sensors	S (Front and rear)	S (Front and rear)	S	S (Rear); O (Front and rear)
Blind spot information (BSI) system[7]	S	O	O	S
Forward Collision Warning (FCW) system[8]	S	O	S	S
Lane Departure Warning (LDW) system[9]	S	O	S	S
Lane Keeping Assist System (LKAS)[10]	S	–	S	O
Rear Cross Traffic Monitor[5]	S	–	O	S
Road Departure Mitigation system[11]	S	–	–	S
Collision Mitigation Braking System™ (CMBS™)[12]	S	O	S	S
AUDIO SYSTEMS				
Premium audio system	S (Acura/ELS Studio® Premium Audio System[13] with 10 speakers)	O (Harman Kardon with 11 speakers); O (Bang & Olufsen with 16 speakers)	O (Mark Levinson® sound system with 15 speakers)	O (Bowers & Wilkins sound system with 19 speakers)
HD Radio®	S	S	S	S
Pandora® compatibility[15]	S	–	–	O
Song By Voice®	S	–	–	–
Aha™ compatibility[16]	S	–	–	–
Apple CarPlay[17]/Android™ Auto[18]	S	O (Apple CarPlay)	–	S
USB port[19]	S (5); Advance Package (7)	S (1)	S (2)	S (1)
MEDIA AND CONNECTIVITY FEATURES				
Hard-drive-based navigation system [2]	S	S	S	S
HD Traffic™[20]	S	S	S	S
Traffic Rerouting™[20]	S	S	S	S
Bluetooth® Hands-Free Phone System[14]	S	S	S	S
On Demand Multi-Use Display™ (ODMD™)	S	–	–	S
Siri® Eyes Free[21]	S	S	S	O
SMS text message capability[22]	S	S	S	O
Rear seat entertainment system	–	O	O	–
110-volt AC power outlet	O	–	O	–

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EXTERIOR DIMENSIONS (in.)				
Wheelbase	111.0	115.5	109.8	117.5
Track width (front/rear)	66.3/66.3	64.6/64.8	64.4/64.0	65.7/65.8
Overall length	196.2	193.3	196.9	194.9
Overall width (excluding mirrors)	77.2	76.3	74.6	84.3 (including mirrors)
Overall height	67.4	69.4	67.3	69.9
Ground clearance (unladen)	7.3	8.2	8.1	9.3
INTERIOR DIMENSIONS (in.)				
Headroom (first row/2nd row/3rd row)	38.1/38.3/35.6	39.8/38.3/Not listed	39.8/38.5/34.8	38.9/38.5/Not listed
Shoulder room (first row/2nd row/3rd row)	61.1/59.1/54.7	60.5/58.3/Not listed	58.3/57.8/45.7	57.7/56.5/Not listed
Hiproom (first row/2nd row/3rd row)	57.5/57.8/40.6	Not listed	55.8/55.8/43.8	56.0/56.5/Not listed
Legroom (first row/2nd row/3rd row)	41.4/36.6/28.1	40.4/36.6/Not listed	41.4/30.9/23.5	40.9/37.0/Not listed
CAPACITIES				
EPA passenger volume (cu. ft.)	132.7	Not listed	Not listed	Not listed
EPA cargo volume (behind 3rd row) (cu. ft.)	15.0[23]/15.8[24]	Not listed	7.5	15.8
EPA cargo volume (behind 2nd row) (cu. ft.)	38.4[23]/43.4[24]	34.2	23.0	41.8
EPA Cargo Volume (behind 1st row) (cu. ft.)	68.4[23]/90.9[24]	75.2	58	85.7
Fuel tank capacity (gal.)	19.5	22.4	Not listed	13.2
Towing capacity (lb.)[25]	Not recommended[25]	6000	Not listed	5000
ESTIMATED FUEL CONSUMPTION[26] (MPG)				
AWD				
City	TBA	Not listed	Not listed	Not listed
Highway	TBA	Not listed	Not listed	Not listed
Combined	TBA	24	Not listed	27
WARRANTY COVERAGE (LIMITED)				
Basic (years/miles)	4/50,000	4/50,000	4/50,000	5/50,000
Powertrain (years/miles)	6/70,000	4/50,000	6/70,000	5/50,000
Corrosion (years/miles)	5/unlimited	12/unlimited	6/unlimited	12/unlimited
Hybrid Battery Pack	Limited warranty varies by state	8/80,000	8/100,000	8/100,000 (Federal emission); 10/150,000 (CA emission)

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DISCLAIMERS

1 Horsepower includes the maximum power of the engine and all motors combined that can be produced at any one time. Not SAE net. The Agile Handling Assist system cannot enhance stability in all driving situations. You still need to drive and corner at speeds appropriate for the conditions and always leave a sufficient margin of safety.

2 Acura Navigation System and related features available only in the United States, Puerto Rico and parts of Canada. See your local Acura dealer for information regarding navigation system area coverage.

3 Adaptive Cruise Control (ACC) with low-speed follow cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. ACC should not be used in heavy traffic, poor weather or on winding roads. The driver remains responsible for avoiding a collision.

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

5 Always visually confirm that it is safe to drive before backing up, as the rearview camera and Rear Cross Traffic Monitor (if present) may not provide complete information about conditions at the rear of your vehicle.

6 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.

7 The system is not a substitute for your own visual assessment before changing lanes; system accuracy will vary based on weather, size of object and speed.

8 FCW cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. FCW does not include a braking function. Driver remains responsible for safely operating vehicle and avoiding collisions.

9 LDW only alerts drivers when lane drift is detected without a turn signal in use. LDW may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.

10 LKAS only assists driver in maintaining proper lane position when lane markings are identified without a turn signal in use and can only apply mild steering torque to assist. LKAS may not detect all lane markings; accuracy will vary based on weather, speed and road condition. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.

11 Road Departure Mitigation may not detect all lane markings or lane departures; accuracy will vary based on weather, speed and road conditions. System operation affected by extreme interior heat. Driver remains responsible for safely operating vehicle and avoiding collisions.

12 CMBS cannot detect all objects ahead and may not detect a given object; accuracy will vary based on weather, speed and other factors. System operation affected by extreme interior heat. System designed to mitigate crash forces. Driver remains responsible for safely operating vehicle and avoiding collisions.

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

15 Compatible with select smartphones. Your wireless carrier's rate plans apply.

16 Compatible smartphone required. All Aha platform feeds are audible, not visual in nature. Vehicle does not provide any feeds. Some state laws prohibit the operation of handheld electronic devices while operating a vehicle. Launch smartphone applications only when the vehicle is safely parked. Aha is a trademark of HARMAN International Industries, Inc. Your wireless carrier's rates may apply.

17 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 operability 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.

18 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.

19 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.

20 AcuraLink Real-Time Traffic is operable only in select markets within the 48 contiguous United States, as well as 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.

21 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.

22 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.

23 Based on SAE J1100 cargo volume measurement standard.

24 Based on SAE J1100 cargo volume 0measurement standard plus floor space between first and second seats and front seats moved forward. This figure compares more accurately with most competitive measurements.

25 Towing capacity can be increased to 5000 lb. on MDX SH-AWD with dealer-installed accessory.

26 Based on 2018/2019 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.

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