

Toyota Corolla—new in 1966, the best-selling car worldwide by 1974, surpassing 50 million sold by 2021—is tailor-made for the times, well-positioned by size, price, features and capability, as Toyota increasingly adapts this immensely popular vehicle to many clever new builds. These include sedans and hatchbacks, its first hybrids in just 2020, a 300-hp GR Corolla AWD performance hatch in 2022, and now, in 2023, all-wheel-drive applied to the mainstream hybrid lineup.

In Oregon and Washington for NWAPA Run to the Sun and Drive Revolution, we got to and fro in the latest combination, both hybrid and all-wheel drive, the new Toyota Corolla Hybrid SE AWD. With some miles to cover and heavy rain in the forecast,

**2024 TOYOTA COROLLA LINEUP**

2.0L 169hp, CVT.....	FWD	
<b>LE</b> .....	<b>21,900</b>	
<b>SE</b> .....	<b>24,340</b>	
<b>Nightshade</b> .....	<b>25,340</b>	
<b>XSE</b> .....	<b>27,000</b>	
Hybrid 1.8L 138+93+40.2hp, ECVT...FWD.....	AWD	
<b>Hybrid LE</b> .....	<b>23,300</b>	<b>24,700</b>
<b>Hybrid SE</b> .....	<b>25,740</b>	<b>27,140</b>
<b>Hybrid Nightshade</b> .....	<b>26,740</b>	<b>28,140</b>
<b>Hybrid XLE</b> .....	<b>27,050</b>	---
G16E-GTS 1.6L turbo-3, 300hp, 6-spd MT.....	AWD	
<b>GR Corolla Core</b> .....	<b>36,100</b>	
<b>GR Corolla Premium</b> .....	<b>39,920</b>	
<b>GR Corolla Circuit Edition</b> .....	<b>44,740</b>	

this would be a winning combination.

Instead of transfer gears and driveshaft to the rear wheels, Electronic On-Demand AWD uses a separate rear-mounted electric motor as needed, seamlessly distributing force to the rear wheels preemptively to counter any front wheel slip in acceleration or understeer in cornering. Torque distribution graphics are displayed on the screens.

Everybody, on some level, wants a car that does everything—and this is certainly a contender. It's sporty (a net system total is not given, but the sum of gasoline plus front and rear electric horsepower is impressive). Cabin size is generous. It's lightweight and immensely fuel-efficient, up to 53 mpg for the front-drive LE or XLE, upper 40s in town in others. All-wheel-drive makes it weather-friendly. It's affordable, as expected, but also just 60-70 percent the cost of the AWD GR Corolla—yet not lacking in pep. And the technical marvels of its eCVT and eAWD never distract, always provide.

Just days before our drive, Toyota announced an Electrified Diversified Beyond Zero campaign, celebrating the alternative powertrains they have led the world in for decades, of which their engineers and product planners are proven masters.

Our time with it in the Northwest was limited, yet conditions were diverse. Our conclusion was that this new execution is basically flawless. ■

**SPECIFICATIONS**

<b>ASSEMBLY</b> .....	Toyota, Aichi, Japan
<b>ENGINE</b> .....	1.8L 4-cyl Dual VVT-i hybrid
<b>HP/TORQUE</b> .....	138 hp / 105 lb-ft
<b>COMPRESSION RATIO</b> .....	13.0:1
<b>ELECTRIC MOTOR</b> .....	permanent synchronous magnet
<b>HP/TORQUE</b> .....	front 93 hp / rear 40.2 hp
<b>NET SYSTEM HP</b> .....	combined not separately stated
<b>HYBRID BATTERY PACK</b> .....	Li-ion 600 V max
<b>TRANSMISSION</b> .....	electronic contin variable (ECVT)
<b>DRIVETRAIN</b> .....	Electronic On-Demand AWD
<b>SUSPENSION</b> .....	<b>F:</b> indep MacPherson strut, stblzr bar; <b>R:</b> multilink, stblzr bar
<b>STEERING</b> .....	elec pwr rack & pinion
<b>BRAKES</b> .....	<b>F:</b> 10.8 in vented; <b>R:</b> 10.2 in solid
<b>WHEELS</b> .....	18-in graphite-colored alloy
<b>TIRES</b> .....	P225/40R18
<b>LENGTH / WHEELBASE</b> .....	182.3 / 106.3 in
<b>GROUND CLEARANCE</b> .....	5.3 in
<b>TURNING CIRCLE</b> .....	35.6 ft
<b>HEADROOM (F/R)</b> .....	38.3 / 37.1 in
<b>LEGROOM (F/R)</b> .....	42.0 / 34.8 in
<b>CARGO CAPACITY</b> .....	13.1 cu.ft
<b>WEIGHT</b> .....	2850 lb
<b>FUEL / CAPACITY</b> .....	.87 oct reg unl / 11.3 gal
<b>MPG</b> .....	47/41/44 (city/hwy/comb)
<b>BASE PRICE (2023)</b> .....	<b>\$26,600</b>
<b>SE PREMIUM PKG:</b> power tilt/slide moonroof w sliding sunshade, color-keyed heated pwr mirrors w turn signal indicators, blind spot monitor, rear cross traffic alert.....	1220
<b>AUDIO:</b> JBL premium 9-spkr incl subwoofer & amp.....	600
<b>PREF ACCESSORY PKG</b> w all-weather floor liner.....	631
<b>ALLOY WHEEL LOCKS</b> .....	67
<b>FRAMELESS HOMELINK MIRROR</b> .....	175
<b>DESTINATION CHARGE</b> .....	1095
<b>TOTAL</b> .....	<b>\$30,388</b>

See chart for 2024 pricing.

# Miracle machine

BY JOE SAGE

