

Vehicle Detail Report

Toyota Vellfire 2021 Crown Dual Power 2.5L HV Premium Edition

Basic Information

Brand	Toyota
Mileage	149,700 km
Color	White
First Registration	2021-09-01
Transfer Count	1

Vehicle Images





Vehicle Condition

1. Right rocker panel, Outer-side deformation. 2. Driver's seat rails and frame, Signs of removal. 3. Front passenger seat rails and frame, Signs of removal. 4. Engine valve cover, Oil leakage. 5. Left front wheel rim, Scrape. 6. Right front wheel rim, Scrape. 7. Left rear wheel rim, Scrape. 8. Right rear wheel rim, Scrape. 9. Body floor pan, Crack.

Configuration Information

Model Information

Model Name	toyota will method 2021 Crown Dual Power 2.5L HV Premium Edition
Launch Date	2021.04

Basic parameters

Vehicle Class	Mid- to large-size MPV
Energy Type	Hybrid Electric Vehicle (HEV)
Maximum Power (kW)	86
Maximum Torque (N·m)	198
Transmission	E-CVT continuously variable transmission
Body Type	MPV
Engine	2.5L 117 horsepower L4

Basic parameters (continued)

Dimensions (L×W×H) (mm)	4975*1850*1945
Official 0-100 km/h Acceleration (s)	-
Top Speed (km/h)	152
Curb Weight (kg)	2290
Maximum Gross Weight (kg)	2815
Electric Motor (PS)	211
NEDC Combined Fuel Consumption (L/100km)	7.1

engine

Engine Model	2AR-FXE
Displacement (mL)	2494
Displacement (L)	2.5
Induction Type	Natural aspiration
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Compression Ratio	12.5
Valve Train	DOHC
Maximum Power (PS)	117
Max Power Speed (rpm)	4700
Max Torque Speed (rpm)	2800-4000
Maximum net power (kW)	86
Fuel Grade	92.
Fuel Delivery System	Mixed injection
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal
Engine-specific technologies	VVT-i

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	155

Electric Motor (continued)

Total Electric Motor Torque (N·m)	409
Front Electric Motor Max Power (kW)	105
Front Electric Motor Max Torque (N·m)	270
System total power (kW)	120
Number of drive motors	Dual motors
Motor Layout	Front-mounted Rear-mounted
Battery Type	Nickel-metal hydride battery
Total Electric Motor Power (PS)	211
Rear Electric Motor Max Power (kW)	50
Rear Electric Motor Max Torque (N·m)	139
System comprehensive power (Ps)	163

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 10.5 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Smartphone Integration/ Mirroring	<ul style="list-style-type: none">• Baidu CarLife support
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone
In-car CD/DVD Player	<ul style="list-style-type: none">• Single DVD
Rear LCD screen	<ul style="list-style-type: none">•
Rear multimedia control	<ul style="list-style-type: none">•

Body

Length (mm)	4975
Width (mm)	1850
Height (mm)	1945
Wheelbase (mm)	3000
Front Track (mm)	1600
Rear Track (mm)	1605

Body (continued)

Ground Clearance (Fully Loaded) (mm)	170
Door Opening Type	Side sliding door
Number of Doors	5
Number of Seats	7
Fuel Tank Capacity (L)	58
Trunk volume (L)	-
Drag Coefficient (Cd)	-
Minimum Turning Radius (m)	5.6

Gearbox

Abbreviation	E-CVT continuously variable transmission
Number of Gears	stepless speed change
Transmission Type	Electronic Continuously Variable Transmission (E-CVT)

Chassis steering

Drive Type	Front-engine, All-wheel drive (F-AWD)
Four-wheel drive	Electric four-wheel drive
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Double wishbone independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	• Genuine leather; • Faux leather
Main seat adjustment	• Front and rear adjustment; • Backrest adjustment; • Height adjustment (4-way)
Co-seat adjustment method	• Front and rear adjustment; • Backrest adjustment; • Leg rest adjustment
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	• Heating; • Ventilation
Electric seat memory function	• Driving position; • Rear row

Seat Configuration (continued)

Front passenger seat rear adjustable buttons	<ul style="list-style-type: none">•
Second row seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Leg rest adjustment
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	<ul style="list-style-type: none">•
Second row seat functions	<ul style="list-style-type: none">• Heating;• Ventilation
Seat Layout	•2-2-3
Second row independent seats	<ul style="list-style-type: none">•
Second row seats electrically adjustable	<ul style="list-style-type: none">•
Rear small table	<ul style="list-style-type: none">•

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•
Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure display
Seat Belt Reminder	<ul style="list-style-type: none">• Front row
ISOFIX Child Seat Anchors	<ul style="list-style-type: none">•
Lane Departure Warning System (LDWS)	<ul style="list-style-type: none">•
Autonomous Emergency Braking (AEB)	<ul style="list-style-type: none">•
Driver Fatigue Detection	-
Forward Collision Warning (FCW)	<ul style="list-style-type: none">•
Low Speed Alert	<ul style="list-style-type: none">•

Active safety (continued)

Emergency Call System (eCall)	•
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Air conditioning/refrigerator

Air conditioning temperature control method	• Automatic air conditioning
Rear Independent Climate Control	•
Rear seat air vents	•
Temperature zone control	•
Car air purifier	•
In-cabin PM2.5 Filter	•
Negative ion generator	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •
Knee airbag	• Driver's knee airbag

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	225/60 R17
Rear Tire Size	225/60 R17
Spare Tire Size	Not full-size

Audio/Interior Lighting

Speaker Brand Name	•JBL
Number of speakers	• 17 Horn
Interior ambient lighting	• 16 colors

Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise

Driving functions (continued)

Satellite navigation system	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•
Lane centering	•
Driver assistance systems	•Toyota Safety Sense
Parking Assist	-

Exterior lighting

Low beam light source	•LED
High beam light source	•LED
LED daytime running lights	•
Adaptive high and low beam	•
Automatic headlights	•
Front fog lights	•LED
Height-adjustable headlights	•
Headlight Delay Off	-
Turn signal lamp	•

Exterior mirrors

Exterior mirror function	•Electric adjustment; •Electric folding; •Rearview mirror memory; •Rearview mirror heating; •Automatically turn down when reversing; •Automatically fold when locking the car
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Appearance/anti-theft

Rim material	• Aluminum alloy
Electric trunk	•
Electronic engine immobilizer	•
Central locking system in the car	•
Key Type	• Remote key
Keyless start system	•
Keyless entry function	• Full vehicle
Sliding door type	• Dual electric

Skylight/Glass

Skylight/Glass (continued)

Sunroof Type	• Sectional electric sunroof
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	• Full vehicle
Window anti-pinch function	•
Car makeup mirror	• Main driver's lamp; • co-pilot's lamp
Rear wiper	•
Rain sensor wiper function	• Rainfall-sensing
Rear side window sunshades	• Manual
Rear side privacy glass	•
Side window multi-layer soundproof glass	• Full vehicle

Interior and exterior color

Exterior Color	Pearl white:#E6E6E0; Crystal diamond black:#664D6A; Streamer silver:#A8A2A2; Graphite ash:#2C2623; To black:#020202
Interior Color	Linen:#D0C4A0; Black:#000000

Steering wheel/interior mirror

Steering Wheel Material	• Leather
Steering wheel position adjustment	• Manual up and down front and rear adjustment
Multi-function steering wheel	•
Heated Steering Wheel	•
Steering wheel memory	-
Trip computer display screen	• Color
Full LCD instrument panel	-
LCD instrument size	• 4.2 inches
Interior rearview mirror function	• Automatic anti-glare; • Streaming media
Gear shifting	• Mechanical gear shift

Intelligent configuration

Connected Car Services	-
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Intelligent configuration (continued)

OTA Updates	-
Mobile APP remote function	<ul style="list-style-type: none">• Vehicle status check/diagnostics;• Vehicle location / find my car;• Owner services (charging stations, gas stations, parking, etc.);• Service/repair appointment

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Movement;• Economy
Automatic parking	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•
Energy recovery system	<ul style="list-style-type: none">•

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• 360-degree panoramic image

In-car charging

Multimedia/charging port	<ul style="list-style-type: none">•USB;•HDMI
Number of USB/Type-C ports	<ul style="list-style-type: none">• 1 in the front row

"●" = Standard equipment

"_" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.