

Hyundai Veloster

Specifications



Engine	2.0 Atkinson MPI		1.6 T-GDi	
Engine family	Nu		Gamma	
Configuration	Transverse front mounted driving front wheels		Transverse front mounted driving front wheels	
Cylinder capacity	2.0 litres (1,999 cc)		1.6 litres (1,591 cc)	
Number of cylinders	4 in-line		4 in-line	
Valve system	16 Valve (HLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT), Atkinson cycle		16 Valve (MLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT)	
Intake System	2-step Variable Induction System		Turbocharger	
Maximum power	110 kW @ 6,200 RPM		150 kW @ 6,000 RPM	
Maximum torque	180 Nm @ 4,500 RPM		265 Nm @ 1,500 - 4,500 RPM	
Fuel system	MPI (Multi Point injection)		T-GDi (Turbo-Gasoline Direct injection)	
Fuel type	91 RON (ULP), E10 compatible		91 RON (ULP), E10 compatible	
Emissions standard	Euro 5		Euro 5	
Bore x stroke	81.0 mm x 97.0 mm		77.0 mm x 85.44 mm	
Compression ratio	12.5:1		10:1	
Transmission	2.0 Atkinson MPI		1.6 T-GDi	
Manual	6 speed manual		6 speed manual	
Automatic	6 speed automatic		-	
Dual Clutch Transmission (DCT)	-		7 speed DCT (dry clutch) with sequential manual mode	
Gear ratio	Manual	Automatic	Manual	DCT
1st	3.615	4.400	3.308	3.643
2nd	1.962	2.726	1.962	2.174
3rd	1.294	1.834	1.323	1.826
4th	1.024	1.392	1.024	1.024
5th	0.860	1.000	0.825	0.809
6th	0.756	0.774	0.702	0.854
7th	-	-	-	0.717
Reverse	3.583	3.440	3.583	4.696
Final	4.188	3.437	4.467	4.643 (1st, 2nd, 4th, 5th) 3.611 (3rd, 6th, 7th & Reverse)
Engine/transmission availability	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Veloster	•	•	-	-
Turbo	-	-	•	•
Turbo Premium	-	-	•	•
Steering				
Type	Column mounted-Motor Driven Power Steering (C-MDPS), rack & pinion			
Minimum turning circle diameter between kerbs / walls	10.6 m			
Number of steering wheel turns lock to lock	2.57			
Suspension	2.0 Atkinson MPI		1.6 T-GDi	
Front	MacPherson strut			
Rear	Multi-link			
Brakes	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)			
Front brake type	Ventilated disc			
Front disc dimensions	280 mm x 23 mm		305 mm x 25 mm	
Rear brake type	Solid disc			
Rear disc dimensions	262 mm x 10 mm			

Weight	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Kerb weight - lightest	1235 kg	1255 kg	1270 kg	1300 kg
Kerb weight - heaviest	1295 kg	1315 kg	1320 kg	1350 kg
Gross Vehicle Mass (GVM)	1700 kg	1730 kg	1730kg	1750kg
Permissible Axle Weight (PAW) - front	990 kg	990 kg	990 kg	990 kg
Permissible Axle Weight (PAW) - rear	820 kg	820 kg	820 kg	820 kg
Fuel consumption*	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Combined (L/100km)	7.0	7.1	7.3	6.9
Urban (L/100km)	9.3	9.4	10.0	9.1
Extra Urban (L/100km)	5.5	5.6	5.8	5.6
CO2 - combined (g/km)	161	162	169	160
Fuel tank volume	50 L			
*Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.				
Dimensions	Veloster		Turbo	Turbo Premium
Exterior				
Length	4240 mm			
Width	1800 mm			
Height	1399 mm			
Wheelbase	2650 mm			
Wheel track - front / rear	1549 mm / 1563 mm			
Minimum ground clearance	141 mm			
Interior				
Head room front / rear	967 / 911 mm		936 / 911 mm	
Leg room front / rear	1081 / 865 mm			
Shoulder room front / rear	1423 / 1378 mm			
Hip room front / rear	1375 / 1180 mm			
Cargo area - VDA (minimum / maximum)	303 L / 1081 L			
Wheels & tyres	Veloster		Turbo	Turbo Premium
Wheel type	Alloy		Alloy	Alloy
Wheel dimensions	18 x 7.5J +53		18 x 7.5J +53	18 x 7.5J +53
Tyre dimensions	225/40 R18 88W		225/40 ZR18 92Y	225/40 ZR18 92Y
Tyre brand	Michelin Pilot Sport 3		Michelin Pilot Sport 4	Michelin Pilot Sport 4
Spare wheel type	Temporary space saver		Temporary space saver	Temporary space saver
Driving convenience	Veloster		Turbo	Turbo Premium
Cruise Control	•		•	•
One touch turn signal - 3, 5, or 7 flashes	•		•	•
Rain sensing wipers	-		-	•
Rear wiper - 2-stage, with auto wipe on reverse	•		•	•
Smart Key with push button start	-		•	•
Steering wheel mounted controls - audio, cruise control, phone, speed limiter, trip computer & voice control	•		•	•
Tilt & telescopic steering column	•		•	•
Driving engagement	Veloster		Turbo	Turbo Premium
Drive Mode - 2 settings (Normal, Sport)	• ¹		• ¹	• ¹
Drive Mode - 4 settings (Normal, Sport, Eco, Smart)	• ³		• ²	• ²
Paddle shifters	-		• ²	• ²
Digital performance gauges - turbo boost, g-force & torque	-		•	•
Active safety	Veloster		Turbo	Turbo Premium
Electronic Stability Control (ESC) including:				
Anti-lock Braking System (ABS)	•		•	•
Brake Assist System (BAS)	•		•	•
Electronic Brakeforce Distribution (EBD)	•		•	•
Hill-start Assist Control (HAC)	•		•	•
Torque Vectoring Control (TVC)	•		•	•
Traction Control System (TCS)	•		•	•
Vehicle Stability Management (VSM)	•		•	•

Active safety	Veloster	Turbo	Turbo Premium
Hyundai SmartSense™ including;			
Blind-Spot Collision Warning (BCW)	-	•	•
Driver Attention Warning (DAW)	•	•	•
Forward Collision-Avoidance Assist (FCA) - including;	•	•	•
City / Urban (camera)	•	•	•
Interurban / Pedestrian & Cyclist detection (camera & radar)	-	• ²	• ²
High Beam Assist (HBA)	-	•	•
Lane Keep Assist (LKA)	•	•	•
Rear Cross-Traffic Collision Warning (RCCW)	-	•	•
Smart Cruise Control (SCC)	-	• ²	• ²
Other features			
Emergency Stop Signal (ESS)	•	•	•
Parking Distance Warning-Reverse (PDW-R) - 4 sensors, with guidance display	•	•	•
Rear view camera with dynamic guide lines	•	•	•
Manual Speed Limit Assist	•	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•	•
Passive safety	Veloster	Turbo	Turbo Premium
Airbags			
Front airbags - driver & front passenger	•	•	•
Side (thorax) airbags - driver & front passenger	•	•	•
Side curtain airbags - 1st & 2nd row	•	•	•
Roll-over Sensor	•	•	•
Doors			
Impact sensing auto door unlock	•	•	•
Rear door child safety lock	•	•	•
Seatbelts			
Pretensioners & load limiters on front seat belts	•	•	•
Pretensioners & load limiters on rear seat belts	•	•	•
Seat belt reminder - front & rear seatbelts	•	•	•
Seating			
Height adjustable front head restraints with tilt function	•	•	•
Height adjustable rear head restraints	•	•	•
ISOFIX child restraint anchors (rear seats)	•	•	•
Top tether child restraint anchors (rear) - 2 anchors	•	•	•
Security	Veloster	Turbo	Turbo Premium
Security system			
Active lock/unlock operation (user configurable)	•	•	•
Anti-theft alarm	•	•	•
Central locking	•	•	•
Engine immobiliser	•	•	•
Remotes			
Keyless entry remote - 2x	•	-	-
Smart Key remote - 2x	-	•	•
Multimedia system	Veloster	Turbo	Turbo Premium
Functions			
Apple CarPlay ⁴ & Android Auto ⁵ compatibility	•	•	•
Bluetooth phone connectivity	•	•	•
Satellite navigation	-	•	•
SUNA™ Live Traffic Updates	-	•	•
Touch screen - 7" display	•	-	-
Touch screen - 8" display	-	•	•
Voice Control - Apple CarPlay ⁴ & Android Auto ⁵ only	•	•	•

Multimedia system	Veloster	Turbo	Turbo Premium
Speakers			
Audio system - 6 speakers	•	-	-
Infinity™ premium audio system - 8 speakers with external amplifier	-	•	•
Audio/media sources			
AM/FM radio	•	•	•
Digital radio (DAB+)	-	•	•
Radio Data System (RDS)	•	•	•
USB / AUX audio input with iPod® compatibility	•	•	•
Bluetooth audio streaming	•	•	•
Occupant comfort & convenience	Veloster	Turbo	Turbo Premium
Upholstery/trim			
Leather ⁶ appointed steering wheel & gear knob	•	•	•
Cloth & Leather ⁶ appointed seats	-	•	-
Leather ⁶ appointed seats	-	-	•
Front seats			
Driver's seat - height adjustable	•	•	•
Driver's seat - power adjustable - 8-way (including 2-way lumbar support)	-	-	•
Front centre console - power outlet - 1 x 12V outlet	•	•	•
Front centre console - USB power outlet	•	•	•
Front centre console - wireless charging pad (Qi standard) ⁷	-	-	•
Grip handles - 1x (passenger)	•	•	•
Sports front seats with extended bolsters	•	•	•
Windows/shades			
Full width glass sunroof - tilt and slide panel with power sunblind	-	-	•
Power windows - front & rear	•	•	•
One touch window up & down function with anti-pinching safety feature - driver's window	•	•	•
Sunvisor (extendable) - driver and front passenger	-	•	•
Vision & sight	Veloster	Turbo	Turbo Premium
Interior mirror			
Electro-chromatic Mirror (ECM) - auto-dimming	-	-	•
Exterior mirrors			
Heated	•	•	•
Power adjustable	•	•	•
Power folding with auto fold function	-	•	•
Instrument cluster/driving displays			
Head-Up Display (HUD)	-	-	•
Instrument cluster - 3.5" TFT LCD with trip computer & digital speedometer	•	-	-
Sports supervision cluster - 4.2" TFT colour LCD with trip computer & digital speedometer	-	•	•
Ventilation & heating	Veloster	Turbo	Turbo Premium
Air conditioning			
Climate control - single zone with auto defog function	•	•	•
Cabin air filter	•	•	•
Front seats			
Air ventilated front seats	-	-	•
Heated front seats	-	-	•
Other features			
Heated rear windshield	•	•	•
Heated steering wheel	-	-	•

Exterior styling	Veloster	Turbo	Turbo Premium
Front			
Air curtain garnish - black finish	•	-	-
Air curtain garnish - honeycomb type w/dark metallic finish & twin chrome bar insert	-	•	•
Headlights - black bezel finish	•	-	-
Headlights - dark metallic bezel finish	-	•	•
Lower air intakes - red metallic finish	-	•	•
Front grille - horizontal bar type w/black finish	•	-	-
Front grille - Sports mesh type w/dark metallic finish	-	•	•
Rear			
Diffuser - silver finish	•	-	-
Diffuser - Sports type - extended width - silver finish	-	•	•
Exhaust - centre single tip - trapezoidal - chrome finish	•	-	-
Exterior styling	Veloster	Turbo	Turbo Premium
Exhaust - centre dual tips - round - chrome finish	-	•	•
Lower bumper - black finish	•	-	-
Lower bumper - dark metallic finish	-	•	•
Reflector housing/air vent - black finish	•	-	-
Reflector housing/air vent - honeycomb type w/dark metallic finish	-	•	•
Spoiler - hatch mounted	•	-	-
Spoiler - Sports type - hatch mounted	-	•	•
Taillights - darkened lenses	•	•	•
Side			
Side skirts w/Turbo badging - dark metallic finish	-	•	•
Wheels			
Multi-spoke dark grey/machined finish	•	-	-
5 twin-spoke gloss black - (red highlight centre cap)	-	•	-
5-spoke dark metallic/machined finish - (red highlight centre cap)	-	-	•
Interior styling	Veloster	Turbo	Turbo Premium
Treatments			
Alloy effect finish - gear knob & handbrake button	•	•	•
Metallic inserts - audio, dashboard, door handles, gearshift surround & steering wheel	•	•	•
Metallic dashboard/air vent insert	•	•	•
Black headlining	•	•	•
Chequered flag pattern insert - dashboard	-	•	•
Chequered flag pattern insert - instruments	•	-	-
Coloured stitching - seats (blue)	•	-	-
Coloured stitching & inserts - seats (red)	-	•	•
Metallic blue inserts - dashboard & steering wheel	•	-	-
Metallic red inserts - dashboard, gear knob & steering wheel	-	•	•
Piano black - audio unit	-	•	•
Silver ring finish - airvents	-	•	•
Materials			
Perforated leather hand grips - steering wheel	-	•	•
Sports pedals - alloy	-	•	•

Lighting	Veloster	Turbo	Turbo Premium
Exterior lighting - front			
Daytime Running Lights (DRL) - LED	•	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•	•
Headlight type - LED (low beam) w/ auto levelling	-	•	•
Headlight type - Halogen projector beam w/manual levelling	•	-	-
Positioning lights - LED	•	•	•
Exterior lighting - rear			
High Mount Stop Light (HMSL) - LED	•	•	•
Rear combination lights - LED (bulb indicator and reverse lights)	-	•	•
Exterior lighting - others			
Side repeaters - LED, integrated into side mirrors	•	•	•
Interior lighting - front			
Front room lights and map lights	•	•	•
Vanity mirror lights	•	•	•
Interior lighting - rear			
Centre room light	•	•	-
Interior lighting - others			
Cargo area light	•	•	•
Interior light fade-out delay	•	•	•
Storage solutions	Veloster	Turbo	Turbo Premium
Front seats			
Armrest compartment - centre console	•	•	•
Cup holders - centre console	•	•	•
Front seat back pocket - passenger seat	•	•	•
Glovebox compartment	•	•	•
Retractable sunglasses compartment - overhead console	•	•	•
Ticket holders - sunvisors	•	•	•
Rear seats			
Coat hook - 1x	•	•	•
Cup holders - rear seat	•	•	•
Rear seating split folding - 60:40	•	•	•
Storage tray - rear seat	•	•	•
Boot/Luggage area			
Cargo shelf	•	•	•
Luggage compartment - 4x mounting points	•	•	•
Luggage net	-	•	•
Others			
Doors - map pockets and bottle bulges (front doors)	•	•	•
Option packages	Veloster	Turbo	Turbo Premium
Two-Tone Roof pack			
Phantom Black roof, rear spoiler and side mirrors	-	-	o ⁸
Notes:			
1. Feature only available on Manual Transmission equipped variant.			
2. Feature only available on Dual Clutch Transmission (DCT) equipped variant.			
3. Feature only available on Automatic Transmission equipped variant.			
4. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.			
5. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.			
6. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.			
7. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.			
8. Option only available with the following exterior colours: Chalk White, Ignite Flame, Tangerine Comet & Thunder Bolt.			
Key:			
• = Feature is available on trim			
o = Feature is available on trim only as part of an option pack			
- = Feature is not available on trim			