



TECHNICAL SPECIFICATIONS

	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
Model Code	M157	M157	M157
Engine code	A630HMS/M15746D	F160AO/M157B	F160AM/M157A
ENGINE			
Layout	60-degree V6 Common rail, direct	60-degree V6	60-degree V6
Fuel delivery	injection	Direct Fuel Injection	Direct Fuel Injection
Injection Pressure	2000 bar	200 bar	200 bar
Turbochargers	1x variable geometry turbocharger	2 x IHI twin scroll, low inertia, water-cooled	
Intercoolers	One	Two	Two
Crankshaft	Four Bearings	Four bearings	Four bearings
Camphaser	N/A	4 independent (one for each camshaft)	
Lubrication	Wet Sump, electronically variable displacement oil pump		
Oil Pump	Gerotor Style	Variable displacement, electronically controlled	
Alternator	Computer controlled, variable output		
Engine management	Bosch Motronic EDC17C79	Bosch Motronic MED 17.3.4	
Valve drive	Twin chain driven camshafts	Twin Chain-Driven Camshafts/Bank	
Valve train	24 valves, roller finger followers, hydraulic lash adjuster		
Valve timing	Fixed	Double timing chain, flywheel side, continuous variable timing, inlet and exhaust	
Intake timing	Valve opens 19.6 degrees after TDC, closed 5.6 degrees after BDC	Intake valve opens 16 degrees after TDC; 50 degree timing variator	
Exhaust timing	TBC	Exhaust valve closes 8 degree before TDC; 50 degree timing variator	
Exhaust system	More intense sound in Sport mode	Normal mode to 4200 rpm when bypass flaps open, sport mode, flaps open at all rpm	
Displacement	2987 cc	2979 cc	2979 cc
Bore x Stroke	83 mm x 92 mm	86.5 mm x 84.5 mm	86.5 mm x 84.5 mm
Compression ratio	16.5 : 1	9.7 : 1	9.7 : 1
Maximum Power kw/rpm	202 kW/4000	257/5500	301/5500
Maximum Torque Nm/rpm	600 Nm	500 Nm/4500	550/4500-5000
Engine speed at overboost torque	2000 - 2600	1750-4500	1750-5000



	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
Maximum Engine Speed	4500 rpm	6500 rpm	6500 rpm
Fuel	Diesel	Minimum: 95 RON; Recommended: 98 RON	
Stop Start Engine mode	YES	YES	YES
BODY/CHASSIS			
Wheels	Alfieri	Alfieri	Titano
Front	18 x 7.5	18 x 7.5	21 x 8.5
Rear	18 x 8.5	18 x 8.5	21 x 10.5
Tyres			
Front	235/50 R18	235/50 R18	245/35 R21
Rear	235/50 R18	235/50 R18	285/30 R 21
Wheels, Optional	Poseidon	Poseidon	Poseidon
Front	19 x 8.5	19 x 8.5	19 x 8.5
Rear	19 x 10	19 x 10	19 x 10
Tyres			
Front	245/45 R19	245/45 R19	245/45 R19
Rear	275/40 R19	275/40 R19	275/40 R19
Wheels, Optional	Proteo	Proteo	Proteo
Front	19 x 8.5	19 x 8.5	19 x 8.5
Rear	19 x 10	19 x 10	19 x 10
Tyres			
Front	245/45 R19	245/45 R19	245/45 R19
Rear	275/40 R19	275/40 R19	275/40 R19
Wheels, Optional	Urano	Urano	Urano
Front	20 x 8.5	20 x 8.5	20 x 8.5
Rear	20 x 10.5	20 x 10.5	20 x 10.5
Tyres			
Front	245/40 R20	245/40 R20	245/40 R20
Rear	285/35 R20	285/35 R20	285/35 R20
Wheels, Optional	Urano Polished	Urano Polished	Urano Polished
Front	20 x 8.5	20 x 8.5	20 x 8.5
Rear	20 x 10.5	20 x 10.5	20 x 10.5
Tyres			
Front	245/40 R20	245/40 R20	245/40 R20
Rear	285/35 R20	285/35 R20	285/35 R20



	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
Wheels, Optional	Titano	Titano	NA
Front	21 x 8.5	21 x 8.5	NA
Rear	21 x 10.5	21 x 10.5	NA
Tyres			NA
Front	245/35 R21	245/35 R21	
Rear	285/30 R 21	285/30 R 21	
Spare Wheel, spacesaver,	18 inch	18 inch	18 inch
Suspension	Skyhook electronically and independently controlled dampers with normal and sport modes		
Front	High-mounted, all-aluminium double wishbones, steel springs, Skyhook dampers, anti-roll bar		
Rear	Five-bar multi-link system, with four aluminium suspension arms, steel springs, Skyhook dampers, anti-roll bar		
Steering	Servo power assisted, speed sensitive		
Drag Coefficient	0.31	0.31	0.31
TRANSMISSION			
Type	ZF AT8 HP70 – 8-speed automatic with manual control from gear stick or steering wheel paddles; Sport and Ice modes		
Gears	Four coaxial planetary gear sets, eight forward gears, plus reverse		
Drive away function	Hydrodynamic torque converter, lock up clutch		
Control unit	Mechatronic, integrated hydraulic and electronic control unit		
Cooling	External oil/water heat exchanger with dedicated cooling circuit		
Shift modes	Auto Normal, Auto Sport, Manual Normal, Manual Sport, I.C.E. mode		
Ratios			
First	4.71:1	4.71:1	4.71:1
Second	3.14:1	3.14:1	3.14:1
Third	2.11:1	2.11:1	2.11:1
Fourth	1.67:1	1.67:1	1.67:1
Fifth	1.28:1	1.28:1	1.28:1
Sixth	1.0:1	1.0:1	1.0:1
Seventh	0.84:1	0.84:1	0.84:1
Eighth	0.67:1	0.67:1	0.67:1
Reverse	3.32:1	3.32:1	3.32:1
Final Drive	2.8:1	2.93:1	2.93:1



	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
BRAKES			
Front	4 pistons aluminum monobloc fixed calipers ventilated drilled 345x28 mm	4 pistons aluminum monobloc fixed calipers ventilated drilled 345x28 mm	4 pistons aluminum monobloc fixed calipers ventilated drilled 360x32 mm
Rear	Floating calipers ventilated discs (320x22 mm)	Floating calipers ventilated discs (320x22 mm)	Floating calipers ventilated discs (320x22 mm)
Caliper Colour	Black	Black	Red
Parking Brake	Electronic	Electronic	Electronic
ABS brakes, EBA, EBD	Standard	Standard	Standard
PERFORMANCE			
0-100 kmh (seconds)	6.3	5.6	5.0
0-200 kmh (seconds)	28.5	21.4	17.4
0-1000 metres (seconds)	26.3	24.7	23.4
0-400 metres (seconds)			
Top Speed (kmh)	250	263	285
Stopping Distance (100 kmh-0)	36 metres	35.5 metres	35 metres
Weight/Power Ratio kg/hp			
FUEL CONSUMPTION l/100 km			
Urban	7.7	12.6	13.8
Extra-Urban	4.9	6.8	7.1
Combined NEDC	5.9	8.9	9.6
CO2 Emissions g/km	158	207	223
DIMENSIONS/WEIGHTS			
Wheelbase	2998	2998	2998
Length	4971	4971	4971
Width	1945	1945	1945
Width (with mirrors)	2100	2100	2100
Height	1461	1461	1461
Front Track	1635	1635	1635
Rear Track	1653	1653	1653
Front Overhang	935	935	935



	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
Rear Overhang	1038	1038	1038
Turning circle	11.7 m	11.7 M	11.7 m
Boot/Trunk Capacity	500 litres	500 litres	500 litres
Kerb Weight	1875	1810	1810
Fuel Capacity	70	80	80
Weight Distribution	51 Front : 49 Rear	50 Front : 50 Rear	50 Front : 50 Rear



EQUIPMENT AND FEATURES

Options Packages	Sport Pack	Sport Pack on Ghibli S	Sport Carbon Pack	Luxury Pack	Lucky Pack – Zegna Edition
AVAILABILITY					
Maserati Ghibli	Optional	NA	Optional	Optional	Optional
Maserati Ghibli Turbo Diesel	Optional	NA	Optional	Optional	Optional
Maserati Ghibli S	NA	Standard	Optional	Optional	Optional
ADDITIONAL EQUIPMENT IN PACKAGES					
Wheels – 19 inch Poseidon	-	-	-	Standard	Standard
Wheels – 20 inch Urano machine polished	Standard	-	Standard	-	-
Wheels – 21 inch Urano machine polished	-	Standard	On 'S'	-	-
INOX Sports Pedals	Standard	Standard	Standard	-	-
Dual-Cast braking system	Standard	Standard	Standard	-	-
Brakes, Caliper colour	Red	Red	Red	Black	Black
Brakes, Dual-cast brake system	Standard	Standard	Standard	-	-
Sport Steering Wheel	Standard	Standard	-	-	-
Sport Steering Wheel with carbon insert	-	-	Standard	-	-
Leather, Extended – Dashboard	Standard	Standard	Standard	-	-
Leather, Extended Premium – Dashboard, drilled seats	-	-	-	Standard	-
Leather, Extended Premium, Zegna Silk	-	-	-	-	Standard
Interior Trim, Piano Black	Standard	Standard	-	-	-
Interior Trim, Carbon Fibre	-	-	Standard	-	-
Interior Trim, Open pore RADICA wood trim	-	-	-	Standard	Standard
Carbon fibre paddle gear shifters	-	-	Standard	-	-
Carbon fibre door sill trim	-	-	Standard	-	-
Rear armrest, illuminated, storage, 12V and USB sockets	-	-	-	Standard	Standard
Alcantara Headlining	-	-	-	Standard	Standard
Seats, Sports 12 way adjustable	Standard	Standard	Standard	-	-
Seats, front ventilated	-	-	-	Standard	Standard
Seats, front heated	-	-	-	Standard	Standard
Harmon Kardon Premium Sound System	-	-	-	Standard	Standard

	Maserati Ghibli Diesel	Maserati Ghibli	Maserati Ghibli S
SAFETY AND SECURITY			
Airbags, dual stage front	Standard	Standard	Standard
Airbags: full length window side bags, two on each side	Standard	Standard	Standard
Airbags: side impact airbags	Standard	Standard	Standard
Alarm System: Perimeter and volumetric sensing, anti-lift device, electronic immobilizer	Standard	Standard	Standard
ASR (Anti-Slip Regulation)	Standard	Standard	Standard
BAS (Brake Apply Sensor)	Standard	Standard	Standard
Blind Spot Monitoring	Standard	Standard	Standard
Brakes: ABS Anti-lock, with EBD and EBA	Standard	Standard	Standard
Brakes, Dual cast Brembo	Option	Option	Standard
Brakes: Hill Holder	Standard	Standard	Standard
Brake Callipers, Colour	Black	Black	Red
Daylights, LED	Standard	Standard	Standard



EBD (Electronic Brake Force Distribution)	Standard	Standard	Standard
Electronic Stability Control (ESC): Maserati Stability Programme	Standard	Standard	Standard
Headlights, automatic illumination	Standard	Standard	Standard
Headlights: Automatic Front lighting System (AFS)	Optional	Optional	Standard
Headlights: - Bi-xenon front headlamps with integrated LED Day Running Lights (DRL), Adaptive Front Lighting System (AFS), automatic activation and hi-pressure headlamp washing system	Optional	Optional	Standard
ICE control: specific software for reduced consumptions and a better vehicle dynamic management in all the conditions.	Standard	Standard	Standard
MSR (Modulated Speed Regulation)	Standard	Standard	Standard
Parking sensors, front and rear with dashboard graphic display	Standard	Standard	Standard
Rear View camera, dashboard display range warning graphics	Standard	Standard	Standard
Seatbelts: front height adjustable	Standard	Standard	Standard
Seatbelts: Front/Rear load-limiting pyrotechnic pre-tensioners	Standard	Standard	Standard
Type pressure monitors, warning system	Standard	Standard	Standard
Windscreen Wipers, automatic	Standard	Standard	Standard
CHASSIS/DRIVETRAIN			
Cruise Control	Standard	Standard	Standard
Cruise Control, Adaptive	Option	Option	Option
Parking brake, electronic	Standard	Standard	Standard
Power steering, speed sensitive	Standard	Standard	Standard
Sport Mode: Controls accelerator map, engine, MSP system, exhaust system, transmission.	Standard	Standard	Standard
Suspension, Sport mode	Standard	Standard	Standard
EXTERIOR			
Boot, Power opening, foot wave, remote and keyless opening	Standard	Standard	Standard
Boot, trim: fully lined and carpeted, colour matched to interior	Standard	Standard	Standard
Boot, equipment: 12V power socket, side net pocket, lighting	Standard	Standard	Standard
Brake caliper colour, standard	Black	Black	Red
Central lock: remote operation, automatic activation from key fob	Standard	Standard	Standard
Door mirrors, automatically dipping, powered/heated exterior mirrors; electrically adjustable and foldable, with integrated turn lights	Standard	Standard	Standard
Doors, continuous door hold with no presets	Standard	Standard	Standard
Exhaust System: two dual trapezoidal tail pipes, in	Standard	Standard	Standard



chromed stainless steel; pneumatic valves controlled via "SPORT" button.			
Front grille with chromed frame and vertical grille bars in glossy black; side ornamental grilles in black. C pillar logo.	Standard	Standard	Standard
Glass, High thermal and noise insulation laminated	Standard	Standard	Standard
Headlights, Adaptive Bi-xenon front headlamps with integrated DRL led lights and AFS module	Option	Option	Standard
Headlights, Hi-pressure washing system	Option	Option	Standard
Lights, rear: Full LED	Standard	Standard	Standard
Sunroof	Standard	Standard	Standard
Trim, Exterior	Chomline	Chomline	Chomline
Wheels: 18 inch Alloy, Alfieri design	Standard	Standard	Optional
Wheels: 19 inch Tritone design	Optional	Optional	Optional
Wheels: 21 inch Urano	Optional	Optional	Standard
Wheels, space saver spare	Optional	Optional	Optional
Wheels, puncture repair kit	Standard	Standard	Standard
Windows, Electrically operated, one touch in the front	Standard	Standard	Standard
Windscreen wash nozzles, heated	Standard	Standard	Standard



INTERIOR

Armrest, front: Padded leather, with twin mechanical opening mechanism for illuminated storage compartment that is air conditioned contains 12V socket.	Standard	Standard	Standard
Armrest, rear with USB connection, 12V socket, two cupholders	Option	Option	Option
Clock, Maserati design with chrome trim and blue details	Standard	Standard	Standard
Gear shift paddles, aluminium	Standard	Standard	Standard
Gear shift paddles, Carbon fibre	Optional	Optional	Optional
Gear stick controls: Electronic Stability Control OFF, manual mode, I.C.E., SPORT, suspension stiffness control.	Standard	Standard	Standard
Instrument display: Twin Instrument cluster dials in Maserati blu color, with white back lighting, TFT trip computer/message screen	Standard	Standard	Standard
Headrest stitching of Maserati logo	Optional	Optional	Optional
Key Fob: Aluminium with key-less entry and key-less go function (includes: lock/unlock button, boot opening, exterior light on).	Standard	Standard	Standard
Lighting, interior ambient dashboard, door, pockets, footwells	Standard	Standard	Standard
Lighting, map lights front and rear	Standard	Standard	Standard
Rear View mirror, auto dipping	Standard	Standard	Standard
Seat, rear, foldable 40 per cent split	Standard	Standard	Standard
Seats, electrically adjustable, 8 way/4 lumbar	Standard	Standard	Standard
Seats, Sports 12 way adjustable	Option	Option	Standard
Seats, front, heated	Option	Option	Standard
Foot pedals, Inox	Option	Option	Standard
Seats, Memory - two driver's side memories	Standard	Standard	Standard
Steering column: auto move for car egress	Standard	Standard	Standard
Steering column: electrically adjustable, height and reach	Standard	Standard	Standard
Steering Wheel: fine leather, three spoke with controls	Standard	Standard	NA
Steering Wheel: Sport with wheel controls	Option	Option	Standard
Steering Wheel: functions cruise control, central cluster display management, voice command recognition, volume and radio tuner, channel selection.	Standard	Standard	Standard



Storage areas: Door pockets, front and rear, illuminated	Standard	Standard	Standard
Storage areas: Centre Console, media box with USB and AUX connections, 12V socket	Standard	Standard	Standard
Storage areas: Centre Console, with cup holders, cigar lighter	Standard	Standard	Standard
Storage areas: front glove box, illuminated	Standard	Standard	Standard
Storage areas: pockets on the back of the front seats	Standard	Standard	Standard
Sunshade, rear side doors, powered	Standard	Standard	Standard
Sunshade, rear window, powered	Standard	Standard	Standard
Trim: High gloss Erable wood on dashboard, door panels, and central tunnel.	Optional	Optional	Optional
Trim: Open pore RADICA wood trim	Standard	Standard	Option
Trim: Piano Black	Option	Option	Standard
Upholstery, Maserati Trident logo embossed on headrest	Standard	Standard	Standard
Upholstery: Standard grain leather upholstery on upper/lower dashboard, armrests, door handles and seats.	Standard	Standard	Standard
Upholstery: Extended Leather	Option	Option	Standard
Ventilation: Climate Control Air Conditioning, dual zone	Standard	Standard	Standard
Ventilation: outlets, front	9	9	9
Ventilation: outlets, rear	4	4	4
TELEMATICS			
Audio inputs: Bluetooth streaming, USB, AUX-in	Standard	Standard	Standard
Bowers & Wilkins Sound System	Optional	Optional	Optional
Harmon Kardon Sound System	Optional	Optional	Optional
MTC "Maserati Touch Control" unit. 8,4" touch screen display including: navigation, radio, CD/DVD audio/video player, SD card reader, USB, Aux-in, Bluetooth function for audio streaming, climate controls, phone devices, car set up.	Standard	Standard	Standard
Speakers, number	8	8	8
Speakers, watts	700	700	700
Amplifier, channels	8	8	8
Siri personal assistant	Standard	Standard	Standard