

Maserati V10.21Diagnostics List (Note:For reference only)

Models	Type	Systems	Sub-system	Functions
3200 GT	3200 GT(Gasoline)	Electronic Injection	Marelli Engine Management System 3200 GT	VCDA
			Marelli Engine Management System 3200 GT - Obd Version	VCDA
		Airbags	Airbag Control Unit TRW 3200 GT	VCD
		Automatic Gearbox	Automatic Gearbox BTR 3200 GT	VCD
			Automatic Gearbox BTR 3200 GT - Obd version	VCD
Ghibli	M157(Gasoline)	Electronic Injection	PCM-Powertrain Control Module	VCDAS001
		Abs/Eds	ABS-Anti Lock Brake	VCDA
		Airbags	ORC-Occupant Restraint	VCD
		Body Computer Module	BCM-Body Computer Module	VCD
		Transmission Control Module	TCM-Transmission Control Module	VCD
		Heating/Ventilation and A/C	HVAC-Heating/Ventilation and A/C	VCD
		Instrument Panel Cluster	IPC-Instrument Panel Cluster	VCDS002
		Electronic parking brake	EPB-Electronic parking brake	VCDA
		Parktronics	PTS-Parktronics	VCD
		Tire Pressure Monitor	TPM-Tire Pressure Monitor	VCD
		Active Damping control Module	ADCM-Active Damping Control Module	VCD
		Adaptive Cruise Control	ACC-Adaptive Cruise Control	VD
		Air Suspension Control Module	ASCM-Air Suspension Control Module System	VD
		All Wheel drive	AWD-ALL wheel drive	VCD
		Electronic Limited Slip Differential	ELSD-Electronic Limited Slip Differential	VD
		Electroinc Shifter	ESM-Electronic Shifter	VCD
	Power Lift Gate Module	PLGM-Power Lift Gate Module	VD	
	Telematic Gateway	TGW-Telematic Gateway Module	VCD	
	M157(Diesel)	Electronic Injection	PCM-Powertrain Control Module	VCDAS001
		Abs/Eds	ABS-Anti Lock Brake	VCDA
		Airbags	ORC-Occupant Restraint	VCD
		Body Computer Module	BCM-Body Computer Module	VCD
		Transmission Control Module	TCM-Transmission Control Module	VCD
		Heating/Ventilation and A/C	HVAC-Heating/Ventilation and A/C	VCD
		Instrument Panel Cluster	IPC-Instrument Panel Cluster	VCDS002
		Electronic parking brake	EPB-Electronic parking brake	VCDA
		Parktronics	PTS-Parktronics	VCD
		Tire Pressure Monitor	TPM-Tire Pressure Monitor	VCD
		Active Damping control Module	ADCM-Active Damping Control Module	VCD
		Adaptive Cruise Control	ACC-Adaptive Cruise Control	VD
		Air Suspension Control Module	ASCM-Air Suspension Control Module System	VD
		All Wheel drive	AWD-ALL wheel drive	VCD
Electronic Limited Slip Differential		ELSD-Electronic Limited Slip Differential	VD	
Electroinc Shifter		ESM-Electronic Shifter	VCD	
Power Lift Gate Module	PLGM-Power Lift Gate Module	VD		

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Models	Type	Systems	Sub-system	Functions
		Telematic Gateway	TGW-Telematic Gateway Module	VCD
Gransport	Gransport (Gasoline)	Electronic Injection	Motronic Bosch Engine Management System ME 7.1.1	VCDA
		Airbags	Iso Airbag Control	VCD
		Semi-Auto Gearbox	Semi-Auto GearBox CFC201 - First Version	VCDS003
			Semi-Auto GearBox CFC201 - Second Version	VCDS003
		Suspension Module	Sachs Skyhook Suspension Module	VCD
GranTurismo	M145 (Gasoline)	Electronic Injection	Motronic Bosch Engine Management System ME 7.1.1 V8	VCD
			Bosch ME9 Left Engine ECU	VCD
			Bosch ME9 Right Engine ECU	VCD
		Abs/Eds	Antilock Braking System 8	VCDS004
		Airbags	Airbag System TRW	VCDS005
		Body computer	Nodo Body Computer	VCD
		Tyre Pressure System	Tyre Pressure System Beru	VCDS006
		Gearbox	Semi-automatic GearBox CFC231	VCDS007
			Semi-automatic GearBox CFC301	VCDS008
			Automatic Gearbox module	VCDS009
		Parking brake	Electronic Parking Brake	VCDS010
		Parking Sensor System	NSP - Parking Sensor System	VCDS019
		Instrument Cluster	Marelli Instrument Cluster	VCDS011
		Climate Control System	Delphi Climate Control	VCD
		Driving Positioning Module	Bitron Driving Positioning	VCD
		Steering Assistance	Steering Assistance	VCD
		Driver Door System	Driver Door System Marelli System	VCD
		Adaptive light	Adaptive light management MASTER - NFA NODO FARI ADATTATIVI MASTER	VCDS021
			Adaptive light management SLAVE - NFA NODO FARI ADATTATIVI SLAVE	VCD
		Suspension Module	Sachs Skyhook Suspension Module	VCD
		Info Telematic	Info Telematic Magneti Marelli - NIT MAGNETI MARELLI	VCD
NIT - Blaupunkt Radio Navigation 1 - NIT RADIO NAVIGATORE BLAUPUNKT	VCD			
NIT - Blaupunkt Radio Navigation 2 - NIT RADIO NAVIGATORE BLAUPUNKT 2	VCD			
Ceiling System	NIM - Ceiling System	VCD		
GT	M138 (Gasoline)	Electronic Injection	Motronic Bosch Engine Management System ME 7.1.1	VCDA
		Airbags	Iso Airbag Control	VCD
		Semi-Auto Gearbox	Semi-Auto GearBox CFC201 - First Version	VCDS003
			Semi-Auto GearBox CFC201 - Second Version	VCDS003
		Suspension Module	Sachs Skyhook Suspension Module	VCD
		Electronic Injection	PCM-Powertrain Control Module	VCDAS001
		Abs/Eds	ABS-Anti Lock Brake	VCDA
		Airbags	ORC-Occupant Restraint	VCD
		Body Computer Module	BCM-Body Computer Module	VCD
		Transmission Control Module	TCM-Transmission Control Module	VCD

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Models	Type	Systems	Sub-system	Functions
Quattroporte	M156 (Gasoline)	Heating/Ventilation and A/C	HVAC-Heating/Ventilation and A/C	VCD
		Instrument Panel Cluster	IPC-Instrument Panel Cluster	VCDS002
		Electronic parking brake	EPB-Electronic parking brake	VCDA
		Parktronics	PTS-Parktronics	VCD
		Tire Pressure Monitor	TPM-Tire Pressure Monitor	VCD
		Headlamps Levelling Module	Hella Headlamps Levelling	VCD
		Steering Assistance	Steering Assistance	VCD
		Driving Positioning Module	Bitron Driving Positioning	VCD
		Suspension Module	Suspension Module Sachs Skyhook	VCD
		Ceiling System	Ceiling System	VCD
		Driver Door System	Driver Door System	VCD
		Passenger Door System	Passenger Door System	VCD
		Boot Compartment System	Boot Compartment System	VCD
		Weight and Position Sensor	Weight and Position Sensor	VCD
		Steering Wheel Control	Steering Wheel Control	VCD
		Tv Receiver System	Fuba Tv Receiver	VCD
	Info Telematic	Info Telematic Magneti Marelli	VCD	
	M156 (Diesel)	Electronic Injection	PCM-Powertrain Control Module	VCDAS001
		Abs/Eds	ABS-Anti Lock Brake	VCDA
		Airbags	ORC-Occupant Restraint	VCD
		Body Computer Module	BCM-Body Computer Module	VCD
		Transmission Control Module	TCM-Transmission Control Module	VCD
		Heating/Ventilation and A/C	HVAC-Heating/Ventilation and A/C	VCD
		Instrument Panel Cluster	IPC-Instrument Panel Cluster	VCDS002
		Electronic parking brake	EPB-Electronic parking brake	VCDA
		Parktronics	PTS-Parktronics	VCD
		Tire Pressure Monitor	TPM-Tire Pressure Monitor	VCD
		Headlamps Levelling Module	Hella Headlamps Levelling	VCD
		Steering Assistance	Steering Assistance	VCD
		Driving Positioning Module	Bitron Driving Positioning	VCD
		Suspension Module	Suspension Module Sachs Skyhook	VCD
		Ceiling System	Ceiling System	VCD
		Driver Door System	Driver Door System	VCD
Passenger Door System		Passenger Door System	VCD	
Boot Compartment System	Boot Compartment System	VCD		
Weight and Position Sensor	Weight and Position Sensor	VCD		
Steering Wheel Control	Steering Wheel Control	VCD		
Tv Receiver System	Fuba Tv Receiver	VCD		
Info Telematic	Info Telematic Magneti Marelli	VCD		
Electronic Injection	Motronic Bosch Engine Management System	VCD		

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Models	Type	Systems	Sub-system	Functions		
	M139 (Gasoline)	Abs/Eds	Bosch Braking System	VCDS012		
			Bosch Braking System MY Version	VCDS012		
		Airbags	Trw Airbag System	VCDS013		
			Iso Airbag System	VCD		
		Body computer	Body Computer	VCDS020		
		Climate Control System	Delphi Climate Control	VCD		
		Gearbox	Semi-automatic GearBox Magneti Marelli CFC231	VCDS007		
			Semi-automatic GearBox Magneti Marelli CFC301	VCDS008		
			Automatic Gearbox	VCD		
		Instrument Cluster	Instrument Cluster Marelli	VCDS014		
		Parking Sensor System	Parking Sensor System	VCDS019		
		Tyre Pressure System	Beru Tyre Pressure System	VCDS006		
		Headlamps Levelling Module	Hella Headlamps Levelling	VCD		
		Steering Assistance	Steering Assistance	VCD		
		Driving Positioning Module	Bitron Driving Positioning	VCD		
		Suspension Module	Suspension Module Sachs Skyhook	VCD		
		Ceiling System	Ceiling System	VCD		
		Driver Door System	Driver Door System	VCD		
		Passenger Door System	Passenger Door System	VCD		
		Boot Compartment System	Boot Compartment System	VCD		
		Weight and Position Sensor	Weight and Position Sensor	VCD		
		Steering Wheel Control	Steering Wheel Control	VCD		
		Tv Receiver System	Fuba Tv Receiver	VCD		
		Info Telematic	Info Telematic Magneti Marelli	VCD		
				Electronic Injection	Motronic Bosch Engine Management System	VCD
					Bosch ME9 Left Engine ECU	VCD
					Bosch ME9 Right Engine ECU	VCD
				Abs/Eds	Abs Bosch Braking System	VCDS015
Airbags	Trw Airbag System				VCDS016	
	Iso Airbag System			VCD		
Body computer	Body Computer			VCDS020		
Climate Control System	Delphi Climate Control			VCD		
Gearbox	Semi-automatic GearBox Magneti Marelli CFC231			VCDS017		
	Semi-automatic GearBox Magneti Marelli CFC301			VCDS018		
	Automatic Gearbox			VCD		
Instrument Cluster	Instrument Cluster Marelli			VCDS011		
Parking Sensor System	Parking Sensor System			VCDS019		
Parking brake	Electronic Parking Brake			VCDS010		
Tyre Pressure System	Beru Tyre Pressure System			VCDS006		
Adaptive light	Adaptive light management MASTER - NFA NODO FARI ADATTATIVI MASTER	VCDS021				

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Models	Type	Systems	Sub-system	Functions
Quattroporte MY	M139 MY (Gasoline)	Adaptive Light	Adaptive light management SLAVE - NFA NODO FARI ADATTATIVI SLAVE	VCD
		Boot Compartment System	Boot Compartment System	VCD
		Ceiling System	Ceiling System	VCD
		Driver Door System	Driver Door System	VCD
		Driving Positioning Module	Bitron Driving Positioning	VCD
		Headlamps Levelling Module	Hella Headlamps Levelling	VCD
		Passenger Door System	Passenger Door System	VCD
		Radio Navigation Module	Blaupunkt Radio Navigation - First version - NIT RADIO NAVIGATORE BLAUPUNKT	VCD
			Blaupunkt Radio Navigation - Second version - NIT RADIO NAVIGATORE BLAUPUNKT 2	VCD
		Steering Assistance	Steering Assistance	VCD
		Steering Wheel Control	Steering Wheel Control	VCD
		Suspension Module	Skyhook Suspension Module Sachs	VCD
		Tv Receiver System	Fuba Tv Receiver	VCD
		Weight and Position Sensor	Weight and Position Sensor	VCD
Info Telematic	Info Telematic Magneti Marelli	VCD		

(*):Tested;

(?):Manual on website(www.x431.com)

NOTE:The final interpretation of the products belongs to LAUNCH TECH CO.,LTD

N. B. :

V: Version Information

C: Read Fault Code;Clear Fault

D: Read Data Stream

A: Active Test

F: Configuration

S: Additional Functions

E: View Freeze Frame

S001	DPF service regeneration
S001	EGR offset reset and learning
S002	Reset Service
S003	Clutch configuration
S003	PIS Adaptation

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Models	Type	Systems	Sub-system	Functions
S003	Clutch bleeding actuator			
S003	Engagement selection bleeding			
S004	Steering angle calibration			
S004	Longit. accel. sensor calibration			
S005	Init new ecu			
S006	Writing of ID sensor identifier - FL			
S006	Writing of ID sensor identifier - FR			
S006	Writing of ID sensor identifier - RL			
S006	Writing of ID sensor identifier - RR			
S006	Writing of ID sensor identifier - SW			
S007	PIS Adaptation			
S007	Self Learning			
S007	Reset wear index			
S007	Actuators calibration			
S007	Clutch configuration			
S007	Clutch actuator bleed			
S007	Actuator bleed engagement and selection			
S008	PIS Adaptation			
S008	Self Learning			
S008	Reset wear index			
S008	Clutch configuration			
S009	Self learning parameters reset			
S010	Parking brake recalibration			
S010	Garages braking procedure			

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Models	Type	Systems	Sub-system	Functions
S010	Assembly/disassembly			
	position			
S010	Parking brake			
	releasing,			
S010	Parking brake			
	application			
S010	Cable bedding,			
S011	Odometer Set			
S011	Service information			
	reset			
S012	Steering angle			
	calibration			
S012	Brake bleed rear			
	right			
S012	Brake bleed rear			
	left			
S012	Brake bleed front			
	left			
S012	Brake bleed front			
	right			
S013	Init new ECU			
S014	Odometer Set			
S014	Service information			
	reset			
S015	Steering angle			
	calibration			
S015	Brake bleed rear			
	right			
S015	Brake bleed rear			
	left			
S016	Init new ecu			
S017	PIS Adaptation			
S017	Self Learning			
S017	Reset wear index			
S017	Actuators			
	calibration			
S017	Clutch configuration			
S017	Clutch actuator			
	bleed			

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Models	Type	Systems	Sub-system	Functions
S017	Actuator bleed engagement and selection			
S018	PIS Adaptation			
S018	Self Learning			
S018	Reset wear index			
S018	Clutch configuration			
S019	Trailerhook present			
S019	Trailerhook not present			
S020	Proxi Alignment			
S020	Keys/Remote controls programming			
S021	self learning zero position			