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Cc: [NHTSA ODI CED](#); [Strasser-King, Marion C](#)
Subject: ODI-11596157
Date: Wednesday, June 26, 2024 8:56:23 AM
Attachments: [REDACTED]

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From: [REDACTED]
Sent: Monday, June 24, 2024 1:27 PM
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See attached report in support of the above mentioned report.

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2020 Maserati Vehicle Diagnostic Report

Vehicle Information

2020/Maserati/Levante M161/
VIN: ZN661XUL9LXOdometer Reading: 23533.31miles
License Plate:

Customer Information

Name: --

Tel: --

Device information

Scanner: MaxiSys Ultra
Version: V5.00Serial Number: V1DGL8V01141
Repair Order Number:

System Scanned(34)

System		Status/DTC
ECM V6(Engine Control Module V6)		1
TCM(Transmission Control Module)		5
ESC(Electronic Stability Control)		5
ORC(Occupant Restraint Controller)		1
IPC(Integrated Panel Cluster)		6
DDM(Driver Door Module)		4
PDM(Passenger Door Module)		4
DMRL(Door Module Rear Left)		3
DMRR(Door Module Rear Right)		3
AFLS(Adaptive Front Lighting System)	ADAS	2
AFLS LED(Adaptive Front Lighting System Full LED)	ADAS	2
AMP(Amplifier High Premium 16 chn)		2
ANP(Amplifier New Premium 11 chn)		2
ASCM(Air suspension control module)		11
AWD(All Wheel Drive)		4
BCM(Body Control Module)		4
CSWM(Comfort Seats and Wheel Module)		3
CVPM(Central vision processing module)	ADAS	5

DASM(Driver assistance system module)	ADAS	10
EPS(Electronic Steering Power)		4
ESM(Electronic Shifter Module)		3
ETM(Entertainment module)		1
HALF(Haptic lane feedback module)	ADAS	0
HVAC(Heat, Ventilation and A/C)		2
ICS(Integrated Center Stack)		1
ITM(Intrusion Transceiver Module)		0
LBSS(Left Blind Spot Sensor)	ADAS	5
MSM(Memory Seat Module)		2
PLGM(Power Lift Gate Module)		4
PTS(Parktronics)		3
RBSS(Right Blind Spot Sensor)	ADAS	6
RFH(Radio Frequency Hub)		5
SCCM(Steering Column Control Module)		2
SGW(Security Gateway)		1

DTC (116)

ECM V6(Engine Control Module V6) (1 DTC)

DTC	Description	Status
P0562-00	System voltage low	Pending

TCM(Transmission Control Module) (5 DTCs)

DTC	Description	Status
P1DB1-00	TCM System Voltage Excessively Low	Pending
P0562-00	System voltage low	Pending
P0850-00	Park/Neutral Switch Performance	Pending
U1412-00	Implausible vehicle speed signal received	Pending
P1B14-00	Park-By-Wire - Unintended Park Position	Pending

ESC(Electronic Stability Control) (5 DTCs)

DTC	Description	Status
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690116	Power brake caliper battery voltage circuit voltage below threshold	Pending
690400	Power brake caliper improper powerdown	Active
C0020-16	ABS (Anti-Lock Brake System) Pump Motor Control-Circuit Voltage Below Threshold	Pending
C0020-01	ABS (Anti-Lock Brake System) Pump Motor Control-General Electrical Failure	Pending
C1246-1C	Vacuum Pressure Sensor Supply-Circuit Voltage Out of Range	Pending

ORC(Occupant Restraint Controller) (1 DTC)

DTC	Description	Status
B21DD-16	System Voltage Circuit Voltage Below Threshold	Pending

IPC(Integrated Panel Cluster) (6 DTCs)

DTC	Description	Status
B21DD-84	System Voltage Signal Below Allowable Range	Pending
U1215-00	Lost Communication with Forward Facing Camera	Pending
U0101-00	Lost Communication With Transmission control module	Pending
U0114-00	Lost Communication With Final Drive Control Module	Pending
U0182-00	Lost Communication With Adaptive Front Lighting Control Module	Pending
U148D-00	Implausible data received from forward facing camera	Pending

DDM(Driver Door Module) (4 DTCs)

DTC	Description	Status
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B210C-16	Battery Voltage Input Circuit Voltage Below Threshold	Pending
B2860-15	Door Ambient Light Control Circuit Short to Battery or Open	Pending
B2860-11	Door Ambient Light Control Circuit Short to Ground	Pending

PDM(Passenger Door Module) (4 DTCs)

DTC	Description	Status
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B210C-16	Battery Voltage Input Circuit Voltage Below Threshold	Pending
B2860-15	Door Ambient Light Control Circuit Short to Battery or Open	Pending
B2860-11	Door Ambient Light Control Circuit Short to Ground	Pending

DMRL(Door Module Rear Left) (3 DTCs)

DTC	Description	Status
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B2860-15	Door Ambient Light Control Circuit Short to Battery or Open	Pending
B210C-16	Battery Voltage Input Circuit Voltage Below Threshold	Pending

DMRR(Door Module Rear Right) (3 DTCs)

DTC	Description	Status
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B2860-15	Door Ambient Light Control Circuit Short to Battery or Open	Pending
B210C-16	Battery Voltage Input Circuit Voltage Below Threshold	Pending

AFLS(Adaptive Front Lighting System) (2 DTCs)

DTC	Description	Status
B23C5-96	Front camera component internal fault	Pending
U0415-00	Implausible Data Received from ABS	Pending

AFLS LED(Adaptive Front Lighting System Full LED) (2 DTCs)

DTC	Description	Status
B23C5-96	Front camera component internal fault	Pending
U0415-00	Implausible Data Received from ABS	Pending

AMP(Amplifier High Premium 16 chn) (2 DTCs)

DTC	Description	Status
B2199-16	Battery voltage - circuit voltage below threshold	Pending
B2199-17	Battery voltage - circuit voltage above threshold	Pending

ANP(Amplifier New Premium 11 chn) (2 DTCs)

DTC	Description	Status
B2199-16	Battery voltage - circuit voltage below threshold	Pending
B2199-17	Battery voltage - circuit voltage above threshold	Pending

ASCM(Air suspension control module) (11 DTCs)

DTC	Description	Status
C220C-29	Active suspension module internal signal invalid	Pending
U0422-00	Implausible Data Received From Body Control Module	Pending
C212A-16	System Voltage Circuit Voltage Below Threshold	Pending
C2129-16	Battery voltage - circuit voltage below threshold	Pending

C211B-92	Ignition Run/Start Input Performance or Incorrect Operation	Pending
U0001-00	CAN C Bus	Pending
U0403-00	Implausible Data Received From Transfer Case	Pending
U0415-00	Implausible Data Received from ABS	Pending
C15D9-00	Low air mass	Pending
U0102-00	Lost Communication With Transfer Case Control Module /All Wheel Drive	Pending
U0100-00	Lost Communication With Engine Control Module/Powertrain control module	Pending

AWD(All Wheel Drive) (4 DTCs)

DTC	Description	Status
621016	Please refer to vehicle service manual.	Pending
C2129-16	Battery voltage - circuit voltage below threshold	Pending
C212A-16	System Voltage Circuit Voltage Below Threshold	Pending
U0415-86	Implausible Data Received from Anti-Lock Brake System Signal Invalid	Pending

BCM(Body Control Module) (4 DTCs)

DTC	Description	Status
B1885-4C	Hands free liftgate module - reserved	Pending
B2183-11	Ignition Unlock Run/Start Control-Circuit Short to Ground	Pending
B2303-13	Wiper Park Switch Input-Circuit Open	Pending
B2199-16	Battery voltage - circuit voltage below threshold	Pending

CSWM(Comfort Seats and Wheel Module) (3 DTCs)

DTC	Description	Status
B11C1-13	Steering Wheel Heater Power Supply Circuit-Circuit Open	Pending
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B210C-18	Battery Voltage Input-Under Current	Pending

CVPM(Central vision processing module) (5 DTCs)

DTC	Description	Status
U0485-00	Implausible Data Received From Radio	Pending
B2199-16	Battery voltage - circuit voltage below threshold	Pending
B21DD-84	System Voltage Signal Below Allowable Range	Pending
U0422-00	Implausible Data Received From Body Control Module	Pending

U0184-00 Lost Communication With Radio

Pending

DASM(Driver assistance system module) (10 DTCs)

DTC	Description	Status
C2129-16	Battery voltage - circuit voltage below threshold	Pending
P1666-00	Cruise control module internal	Pending
C2227-00	ABS disabled ECU	Pending
U0401-00	Implausible data received from ECM/PCM	Pending
U0402-00	Implausible data received from Transmission Control Module (TCM)	Pending
C2226-00	Transmission Control Module (TCM) disabled ECU	Pending
U0429-00	Implausible data received from steering column control module	Pending
U148D-00	Implausible data received from forward facing camera	Pending
U0415-00	Invalid data received from ABS control module A	Active
C212A-84	System Voltage Signal Below Allowable Range	Pending

EPS(Electronic Steering Power) (4 DTCs)

DTC	Description	Status
C1219-67	Steering Angle Sensor (SAS) performance - signal incorrect after event	Pending
C2129-16	Battery voltage - circuit voltage below threshold	Pending
U0002-88	CAN C Bus Off Performance Bus Off	Pending
U0415-29	Invalid Data Received from ABS control module A - invalid signal	Pending

ESM(Electronic Shifter Module) (3 DTCs)

DTC	Description	Status
P0607-01	ECU internal performance general electrical fault	Pending
P1C8B-16	Battery voltage - circuit voltage below threshold	Pending
P1C8C-16	System Voltage Circuit Voltage Below Threshold	Pending

ETM(Entertainment module) (1 DTC)

DTC	Description	Status
B210A-16	System Voltage Low-Circuit Voltage Below Threshold	Active

HVAC(Heat, Ventilation and A/C) (2 DTCs)

DTC	Description	Status
P1C8C-16	System Voltage Circuit Voltage Below Threshold	Pending

P1C8B-16	Battery voltage - circuit voltage below threshold	Pending
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ICS(Integrated Center Stack) (1 DTC)

DTC	Description	Status
B210D-16	Battery voltage low - circuit voltage below threshold	Pending

LBSS(Left Blind Spot Sensor) (5 DTCs)

DTC	Description	Status
U0203-00	Lost communication with left front door module	Pending
B2199-16	Battery voltage - circuit voltage below threshold	Pending
C212A-16	System Voltage Circuit Voltage Below Threshold	Pending
U0204-00	Lost communication with right front door module	Pending
U0100-00	Lost Communication With Engine Control Module/Powertrain control module	Pending

MSM(Memory Seat Module) (2 DTCs)

DTC	Description	Status
B210D-21	Battery Voltage Low-Signal Amplitude < Minimum	Pending
B210A-84	System Voltage Low-Signal Below Allowable Range	Pending

PLGM(Power Lift Gate Module) (4 DTCs)

DTC	Description	Status
B2199-16	Battery voltage - circuit voltage below threshold	Pending
B2199-62	Battery voltage signal compare fault	Pending
B1945-11	Power Liftgate (PLG) pinch sensor 2 circuit short to ground	Active
B1886-11	Liftgate pinch sensor 1 circuit short to ground	Active

PTS(Parktronics) (3 DTCs)

DTC	Description	Status
B21DD-16	System Voltage Circuit Voltage Below Threshold	Pending
B210C-16	Battery Voltage Input Circuit Voltage Below Threshold	Pending
U0418-00	Implausible data received from Brake System Module (BSM) 1	Pending

RBSS(Right Blind Spot Sensor) (6 DTCs)

DTC	Description	Status
U0100-00	Lost Communication With Engine Control Module/Powertrain control module	Pending
U11FB-00	Lost communication with left blind spot sensor	Pending
U0204-00	Lost communication with right front door module	Pending

U0203-00	Lost communication with left front door module	Pending
B2199-16	Battery voltage - circuit voltage below threshold	Pending
C212A16	System Voltage Circuit Voltage Below Threshold	Pending

RFH(Radio Frequency Hub) (5 DTCs)

DTC	Description	Status
B2199-16	Battery voltage - circuit voltage below threshold	Pending
U103C-00	Keyless ignition node communication	Pending
U1197-00	Security Seed Response Not Received from Engine Control Module/Powertrain Control Module	Pending
B21DD-84	System Voltage Signal Below Allowable Range	Pending
B2205-00	Original VIN Missing / Mismatch	Pending

SCCM(Steering Column Control Module) (2 DTCs)

DTC	Description	Status
C2129-16	Battery voltage - circuit voltage below threshold	Pending
C212A-16	System Voltage Circuit Voltage Below Threshold	Pending

SGW(Security Gateway) (1 DTC)

DTC	Description	Status
B2199-16	Battery voltage - circuit voltage below threshold	Pending

Technician Notes

Customer name: _____

Technician: _____

Date: _____

Note:Please save a copy of this report for your records.