

MITSUBISHI®

BARS 5 PRO Version: 2019

Model Year Coverage: 1988 - 2018.

Coverage includes models equipped with OBD-II / MITSUBISHI® 12-pin connector.

Function Coverage: Read / Clear Fault Code, Data Stream, Activation, and Adaptation.

<NOTICE>

The following tables list all of the currently available systems, functions, and Adaptation Items.

After selecting region, year, model and other options when connecting to a system of a vehicle, only functions or items equipped on this specific vehicle will be displayed. Others functions items will not be available.

<TROUBLE SHUTTING>

Some models are equipped with multiple connectors.

Some systems are only detectable with OBD-II connector, or MITSUBISHI® 12-pin connector specifically. .

OBD-II Connector

Practical Functions

Power Train Systems

Chassis Systems

Body Systems

Air Conditioner Systems

Information and Communication Systems

Adaptation Items

Practical Functions

FUNCTION	YEAR / MODEL	SYSTEM	STATUS
Oil Reset	1995 - 2018	Meter	✓
DPF Regeneration	1995 - 2018	Diesel Engine	✓
Fuel Injector Adaptation	1995 - 2018	Diesel Engine	✓
Brake Pad Service	1995 - 2018	EPB(Electric Parking Brake)	✓
Battery Service	1995 - 2018	Engine	✓
Immobilizer Service	1995 - 2018	Immobilizer or WCM(Wireless Control Module) / KOS(Keyless Operation System)	✓
Tire Pressure Sensor Service	1995 - 2018	TPMS(Tire Pressure Monitor System)	✓
Diesel engine oil exchange service	1995 - 2018	Diesel Engine	✓

Power Train Systems

SYSTEM	YEAR	READ / CLEAR FAULT CODE	DATA STREAM	ACTIVATION	ADAPTATION
ENGINE	1995 - 2018	✓	✓	✓	✓
Automatic Transmission	1995 - 2018	✓	✓	✓	✓
PHEV(Plug-in Hybrid Electric Vehicle)	1995 - 2018	✓	✓	✓	
EV-ECU(Vehicle Integrated Control System)	1995 - 2018	✓	✓	✓	
BMU(Battery Management Unit)	1995 - 2018	✓	✓	✓	
MCU(Motor Control Unit)	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 1	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 2	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 3	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 4	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 5	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 6	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 7	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 8	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 9	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 10	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 11	1995 - 2018	✓	✓	✓	
CMU(Cell Monitor Unit) 12	1995 - 2018	✓	✓	✓	
OBC(On Board Charger)	1995 - 2018	✓	✓	✓	
DC/DC Converter	1995 - 2018	✓	✓	✓	
Cruise Control System	1995 - 2018	✓	✓	✓	
ACC(Adaptive Cruise Control) / FCM(Forward Collision Mitigation)	1995 - 2018	✓	✓	✓	

Chassis Systems

SYSTEM	YEAR	READ / CLEAR FAULT CODE	DATA STREAM	ACTIVATION	ADAPTATION
ABS/ASC/ASTC/WSS/TCL	1995 - 2018	✓	✓	✓	✓
EPS(Electric Power Steering) / 4WS(4 Wheel Steering)	1995 - 2018	✓	✓	✓	
EPB(Electric Parking Brake)	1995 - 2018	✓	✓	✓	✓
SAS(Steering Angle Sensor)	1995 - 2018	✓	✓	✓	✓
TPMS(Tire Pressure Monitor System)	1995 - 2018	✓	✓	✓	✓
4WD/AWC(All Wheel Control)/SS4II(Super Select 4WD II)/(ES4 or SS4)	1995 - 2018	✓	✓	✓	
ACD(Active Center Differential) / AYC(Active Yaw Control)	1995 - 2018	✓	✓	✓	✓
HBB(Hydraulic Brake Booster)	1995 - 2018	✓	✓	✓	
ECS(Electronic Control Suspension)	1995 - 2018	✓	✓	✓	
TCL(Traction Control) / Stability Control	1995 - 2018	✓	✓	✓	

Body Systems

SYSTEM	YEAR	READ / CLEAR FAULT CODE	DATA STREAM	ACTIVATION	ADAPTATION
SRS-Airbag	1995 - 2018	✓	✓	✓	
Immobilizer	1995 - 2018	✓	✓	✓	✓
OSS(One-touch Start System)/WCM(Wireless Control Module)/KOS(Keyless Operation System)/FAST-KEY(Freehand Advanced Security Transmitter)	1995 - 2018	✓	✓	✓	✓
ETACS(Electronic Timer And Alarm Control System)	1995 - 2018	✓	✓	✓	✓
SWS	1995 - 2018	✓	✓	✓	
OCM(Occupant Classification Module)	1995 - 2018	✓	✓	✓	
AFS(Adaptive Front Lighting) / ACL(Active Cornering Light) / Head Lamp Auto Leveling	1995 - 2018	✓	✓	✓	
Power Gate	1995 - 2018	✓	✓	✓	
Camera	1995 - 2018	✓	✓	✓	

Shift Lever	1995 - 2018	✓	✓	✓	
RH/TOPSTACK	1995 - 2018	✓	✓	✓	
COMP and HTR	1995 - 2018	✓	✓	✓	
EV/MEV Remote System	1995 - 2018	✓	✓	✓	
Corner Sensor / Back Sensor	1995 - 2018	✓	✓	✓	

Air Conditioner Systems

SYSTEM	YEAR	READ / CLEAR FAULT CODE	DATA STREAM	ACTIVATION	ADAPTATION
Automatic Air Conditioner(A/C)	1995 - 2018	✓	✓	✓	

Information and Communication Systems

SYSTEM	YEAR	READ / CLEAR FAULT CODE	DATA STREAM	ACTIVATION	ADAPTATION
Meter	1995 - 2018	✓	✓	✓	✓
Display	1995 - 2018	✓	✓	✓	

Adaptation Items

SYSTEM	FUNCTION
ENGINE	All learned value reset Battery current sensor calibration Chassis number or VIN read DPF dp sensor exchange service DPF exchange service DPF regeneration DPF system malfunction service Engine oil exchange service ETV(Electronic throttle valve) initialization procedure EX. injector cleaning service Fuel consumption initialized Fuel leakage check Idle learning Injector ID readout Injector ID registration LAFS exchange service Learning procedure for idling LNT malfunction service Small injection quantity learning Supply pump exchange service Timing chain maintenance VIN registration
Automatic Transmission	Chassis number or VIN read Clear CVT oil degradation level VIN Registration Teach In Clutch End Positions Teach In Clutch Touch Positions Function Test No1 Deviation Function Test No2 Time Function Test No3 Voltage Move to Engaged Clutch Position Move to Disengaged Clutch Position Initialization Adaptation Data Reset Clutch Protection Data Switch Automated-M/T Relay Start Gear Adaptation SD positioning for sensor change
ABS/ASC/ASTC/WSS/TCL	All sensor calibration Cut valve pressure learning G sensor calibration Inlet valve pressure learning Lateral G sensor calibration Master cylinder(M/C) pressure calibration Steering angle sensor(SAS) calibration
SAS(Steering Angle Sensor)	STEERING ANGLE SENSOR(SAS) CALIBRATION AND LEARNING STEERING ANGLE SENSOR(SAS) INITIALIZATION
EPB(Electric Parking Brake)	Tension sensor zero point reset FULL RELEASE CONTROL ON (in Activation Test) FULL RELEASE CONTROL OFF (in Activation Test)
TPMS(Tire Pressure Monitor System)	4 TIRE PRESSURE SENSOR ID REGISTRATION(by changing tire pressure) 4 TIRE PRESSURE SENSOR ID REGISTRATION(using Tool) 5 TIRE PRESSURE SENSOR ID REGISTRATION(by changing tire pressure) 5 TIRE PRESSURE SENSOR ID REGISTRATION(using Tool) Set2 : 4 TIRE PRESSURE SENSOR ID REGISTRATION(by changing tire pressure) Set2 : 4 TIRE PRESSURE SENSOR ID REGISTRATION(using Tool) Set2 : 5 TIRE PRESSURE SENSOR ID REGISTRATION(by changing tire pressure) Set2 : 5 TIRE PRESSURE SENSOR ID REGISTRATION(using Tool) TIRE PRESSURE SENSOR ID CHECK
ACD(Active Center Differential) / AYC(Active Yaw Control)	ACD AIR BLEEDING ACD OPERATION CHECK AYC AIR BLEEDING AYC OPERATION CHECK(LEFT) AYC OPERATION CHECK(RIGHT) CONTROL OFF TEST LATERAL G SENSOR CALIBRATION LONGITUDINAL G SENSOR CALIBRATION MOTOR DRIVE TEST OIL LEVEL CHECK STEERING ANGLE SENSOR(SAS) CALIBRATION
Meter	CANCEL the function of SERVICE REMINDER OIL SERVICE(SERVICE RESET) Progressive Setting of Service Miles and MONTHS Set Service Miles and MONTHS
Immobilizer	Additional Key Registration Engine ECU <=> ETACS Matching Key code registration to engine ECU Key Registration VIN/Chassis Number Read VIN/Chassis Number Registration
OSS(One-touch Start System)/WCM(Wireless Control Module)/KOS(Keyless Operation System)/FAST-KEY(Freehand Advanced Security Transmitter)	Copy Chassis Number or VIN Engine Key Code Registration Key and KOS Key Registration Key Registration Keyless ID Registration KOS Key Registration Read Chassis Number or VIN Steering Lock Unit Registration
ETACS(Electronic Timer And Alarm Control System)	Customization Information Replace ECU and Set Coding VIN/Chassis Number Read VIN/Chassis Number Registration

MITSUBISHI® 12-pin Connector

SYSTEM	READ CODE	CLEAR CODE	DATA STREAM	ACTIVATION
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ENGINE	1988 - 2005	✓	✓	✓		
Automatic Transmission	1988 - 2005	✓	✓	✓		
ABS	1988 - 2005	✓	✓	✓		
SRS-Airbag	1988 - 2005	✓	✓	✓		
Immobilizer	1988 - 2005	✓	✓	✓		
Automatic Air Conditioner(A/C)	1988 - 2005	✓	✓	✓		
4WS(4 Wheel Steering)	1988 - 2005	✓	✓	✓		
TCL	1988 - 2005	✓	✓	✓		
ACD / AYC	1988 - 2005	✓	✓	✓		
SWS	1988 - 2005	✓	✓	✓		
Cruise Control System	1988 - 2005	✓	✓	✓		
ECS	1988 - 2005	✓	✓	✓		