





Comparison table

Description on Workshop manual	
Toolbox	
+ Diagnosis	
 Data Logger	
+ Confirmation test for system operation	
	Self-Diagnosing AT
+ On-demand self-test	
+ ALH/AFS/ALV	
	KOER On-Demand self-test
+ BCM	
	KOEO On-Demand self-test
	KOEO On-Demand self-test for Door Lock System
	KOEO On-Demand self-test for Lighting Systems
+ CMU	
	KOEO On-Demand self-test
+ DASH_ESU	
	KOER On-Demand self-test
+ DCDC	
	KOEO On-Demand self-test
+ DMC	
	KOEO On-Demand self-test
+ DSC HU/CM	
	KOEO On-Demand self-test
+ EPS	
	KOEO On-Demand self-test
+ FR	
	KOEO On-Demand self-test
+ FSC	
	KOEO On-Demand self-test
+ FSRL	
	KOEO On-Demand self-test
+ FSRR	
	KOEO On-Demand self-test
+ ISG	
	KOEO On-Demand self-test
+ PAU	
	KOEO On-Demand self-test
+ PCM (SKYACTIV-G/SKYACTIV-X)	
	KOEO On-Demand self-test
	KOER On-Demand self-test
+ PCM (SKYACTIV-D)	
	KOEO On-Demand self-test
	KOER On-Demand self-test
+ RSRL	
	KOEO On-Demand self-test
+ RSRR	
	KOEO On-Demand self-test
+ SAS	
	KOEO On-Demand self-test
+ TCM	
	KOEO On-Demand self-test
+ TCU	
	KOEO On-Demand self-test
+ VCM	
	KOEO On-Demand self-test
+ VMC	
	KOEO On-Demand self-test
+ Operational records	
+ i-ACTIVSENSE	
	Reading Operation records of FSC
+ OBD Test modes	
	Mode 1 Powertrain Data
	Mode 6 On-Board Test results
	Mode 8 On-Board device control
	Mode 9 Vehicle Information
	Mode A Permanent DTCs
	Tester usage history


Description on M-MDS	
Toolbox	
+ Diagnosis	
 Data Logger	
+ Confirmation test for system operation	
	Self test for AT
+ On-demand self-test	
+ ALH/AFS/ALV	
	KOER On-Demand self-test
+ BCM	
	KOEO On-Demand self-test
	KOEO On-Demand self-test for Door Lock System
	KOEO On-Demand self-test for Lighting Systems
+ CMU	
	KOEO On-Demand self-test
+ DASH_ESU	
	KOER On-Demand self-test
+ DCDC	
	KOEO On-Demand self-test
+ DMC	
	KOEO On-Demand self-test
+ DSC HU/CM	
	KOEO On-Demand self-test
+ EPS	
	KOEO On-Demand self-test
+ FR	
	KOEO On-Demand self-test
+ FSC	
	KOEO On-Demand self-test
+ FSRL	
	KOEO On-Demand self-test
+ FSRR	
	KOEO On-Demand self-test
+ ISG	
	KOEO On-Demand self-test
+ PAU	
	KOEO On-Demand self-test
+ PCM (SKYACTIV-G/SKYACTIV-X)	
	KOEO On-Demand self-test
	KOER On-Demand self-test
+ PCM (SKYACTIV-D)	
	KOEO On-Demand self-test
	KOER On-Demand self-test
+ RSRL	
	KOEO On-Demand self-test
+ RSRR	
	KOEO On-Demand self-test
+ SAS	
	KOEO On-Demand self-test
+ TCM	
	KOEO On-Demand self-test
+ TCU	
	KOEO On-Demand self-test
+ VCM	
	KOEO On-Demand self-test
+ VMC	
	KOEO On-Demand self-test
+ Operational records	
+ i-ACTIVSENSE	
	Reading Operation records of FSC
+ OBD Test modes	
	Mode 1 Powertrain Data
	Mode 6 On-Board Test results
	Mode 8 On-Board device control
	Mode 9 Vehicle Information
	Mode A Permanent DTCs
	Tester usage history


Comparison table

Description on Workshop manual	
Toolbox	
+ Work Support	
	<div>+ Software update</div> <div>Software update</div> <div>+ Configuration</div> <div>Configuration</div> <div>+ ENGINE (SKYACTIV-D)</div> <div>Resetting the all learned values of PCM</div> <div>Resetting the learned value of Fuel Pump</div> <div>Resetting the learned value of O2 Sensor</div> <div>Resetting the learned value of DPF</div> <div>Resetting the learned values of Injectors</div> <div>Resetting the learned value of MAF Sensor</div> <div>Resetting the learned value of Intake Shutter Valve</div> <div>Resetting the learned value of Exhaust Shutter Valve</div> <div>Resetting the learned value of Turbo</div> <div>Initial learning of Injectors characteristics</div> <div>Compulsory regenerating DPF</div> <div>+ ENGINE (SKYACTIV-X)</div> <div>TBD</div> <div>TBD</div> <div>TBD</div> <div>+ BRAKES</div> <div>Calibrating Lateral G Sensor for DSC</div> <div>Calibrating Longitudinal G Sensor for DSC</div> <div>Calibrating Pressure Sensor for DSC</div> <div>Calibrating Yaw Rate for DSC</div> <div>Calibrating Yaw Rate for VCM</div> <div>Self-Diagnosing Brake Line</div> <div>Replacing Brake Fluid</div> <div>+ TRANSMISSION/TRANSAXLE</div> <div>Initial learning of AT</div> <div>Writing the characteristic value of Coupling</div> <div>Reading the characteristic value of Coupling</div> <div>+ RESTRAINTS</div> <div>Calibrating Weight OCS for Air bag</div> <div>+ SEATS</div> <div>Erasing Driving Position Memories</div> <div>Calibrating Driving Position</div> <div>+ SECURITY AND LOCKS</div> <div>+ IMMOBILIZER</div> <div>Activating extra Advanced key</div> <div>Deactivating and activating Advanced Key</div> <div>Replacing Immobilizer related module</div> <div>Registering Key Fob for Remote Engine Starter</div> <div>Disabling Keyless radio waves to protect pacemakers</div> <div>Resuming keyless radio waves to activate all functions</div> <div>+ LIGHTING SYSTEMS</div> <div>Calibrating Headlight Leveling Sensor</div> <div>Simulation Testing for Headlight Leveling Actuator</div> <div>+ WIPER/WASHER SYSTEM</div> <div>Calibrating Front Wiper position</div> <div>+ POWER SYSTEMS</div> <div>Compulsory Ignition ON</div> <div>+ i-ACTIVSENSE</div> <div>+ Static aiming</div> <div>Static aiming for 360° View Monitor System</div> <div>Static aiming for FSC</div> <div>+ Dynamic aiming</div> <div>Dynamic aiming for FSC</div> <div>Dynamic aiming for Front Radar</div> <div>Dynamic aiming for Left/Front Side Radar</div> <div>Dynamic aiming for Right/Front Side Radar</div> <div>Dynamic aiming for Left/Rear Side Radar</div> <div>Dynamic aiming for Right/Rear Side Radar</div> <div>+ Mazda Connect</div> <div>Activating TCU</div> <div>Activating Remote Control by Smart Phone</div> <div>Moving into Connected Vehicle Maintenance Mode</div> <div>Withdrawing from Connected Vehicle Maintenance Mode</div> <div>Collecting CMU log data</div> <div>Testing Emergency call</div> <div>+ Collect Diagnostic Information</div> <div>Moving into i-ACTIVSENSE data collecting mode</div> <div>Withdrawing from i-ACTIVSENSE data collecting mode</div> <div>Moving into Driving data collecting mode</div> <div>Withdrawing from Driving data collecting mode</div> <div>Collecting diagnostic information</div> <div>Tester usage history</div>

Description on M-MDS	
Toolbox	
+ Work Support	
	<div>+ Software update</div> <div>Software update</div> <div>+ Configuration</div> <div>Configuration</div> <div>+ ENGINE (SKYACTIV-D)</div> <div>Reset all Learning values of PCM</div> <div>Reset Learning value of Fuel pump</div> <div>Reset Learning value of O2 sensor</div> <div>Reset Learning value of DPF</div> <div>Reset Learning value of Injector</div> <div>Reset Learning value of MAF sensor</div> <div>Reset Learning value of ETB</div> <div>Reset Learning value of ESV</div> <div>Reset Learning value of Turbo charger</div> <div>Learning injection amount for fuel injector</div> <div>Running forced regeneration of DPF</div> <div>+ ENGINE (SKYACTIV-X)</div> <div>Reset the estimated value of the soot deposited amount of GPF</div> <div>Compulsory regenerating GPF</div> <div>Learning injection amount for fuel injector</div> <div>+ BRAKES</div> <div>Calibrating Lateral G Sensor for DSC</div> <div>Calibrating Longitudinal G Sensor for DSC</div> <div>Calibrating Pressure Sensor for DSC</div> <div>Calibrating Yaw Rate for DSC</div> <div>The zero position learning for Yaw Rate Sensor</div> <div>Air mixture examination of the brakes line</div> <div>Brake fluid replacement</div> <div>+ TRANSMISSION/TRANSAXLE</div> <div>Initial learning for AT</div> <div>Coupling Calibration Data Writing</div> <div>Coupling Calibration Data Reading</div> <div>+ RESTRAINTS</div> <div>SWS Calibration</div> <div>+ SEATS</div> <div>Erase Driving Position</div> <div>Learning Driving Position</div> <div>+ SECURITY AND LOCKS</div> <div>+ IMMOBILIZER</div> <div>Activating extra Advanced Key</div> <div>Deactivating and activating Advanced Key</div> <div>Replacing Immobilizer related module</div> <div>Registration for Remote Engine Starter(RES)</div> <div>Keyless pacemaker prevention of radio interference</div> <div>Keyless pacemaker Unlock radio interference prevention</div> <div>+ LIGHTING SYSTEMS</div> <div>Auto Leveling Sensors Calibration.</div> <div>Auto Leveling Actuator Test.</div> <div>+ WIPER/WASHER SYSTEM</div> <div>Front Wiper Position Learning</div> <div>+ POWER SYSTEMS</div> <div>Special Ignition ON</div> <div>+ i-ACTIVSENSE</div> <div>+ Static aiming</div> <div>Aiming for View Monitor Camera</div> <div>Static aiming for FSC</div> <div>+ Dynamic aiming</div> <div>Dynamic aiming for FSC</div> <div>Front radar dynamic aiming</div> <div>Dynamic aiming for Front Left Side Radar</div> <div>Dynamic aiming for Front Right Side Radar</div> <div>Dynamic aiming for Rear Left Side Radar</div> <div>Dynamic aiming for Rear Right Side Radar</div> <div>+ Mazda Connect</div> <div>Communication Initialization when TCU is replaced</div> <div>Registration work of RES smartphone type</div> <div>Connection limited mode setting</div> <div>Connection limited mode release</div> <div>CMU DIAG ENTRY</div> <div>TCU test call</div> <div>+ Collect Diagnostic Information</div> <div>i-ACTIVSENSE analysis mode setting</div> <div>i-ACTIVSENSE analysis mode release</div> <div>Manual trigger mode setting</div> <div>Manual trigger mode release</div> <div>Collect Diagnostic Information</div> <div>Tester usage history</div>

Comparison table

Description on Workshop manual	
Toolbox	
+ Accessories	
	Burglar Alarm
	Intrusion Sensor
	Ambient Lighting
	Welcome Lamp
	Power Supply_IG
	Power Supply_TNS
	LED HL_Position
	LED HL_DRL
Registering Key Fob for Remote Engine Starter	

Description on M-MDS	
Toolbox	
+ Accessories	
	Burglar Alarm
	Intrusion Sensor
	Ambient Lighting
	Welcome Lamp
	Power Supply_IG
	Power Supply_TNS
	LED HL_Position
	LED HL_DRL
Registration for Remote Engine Starter(RES)	