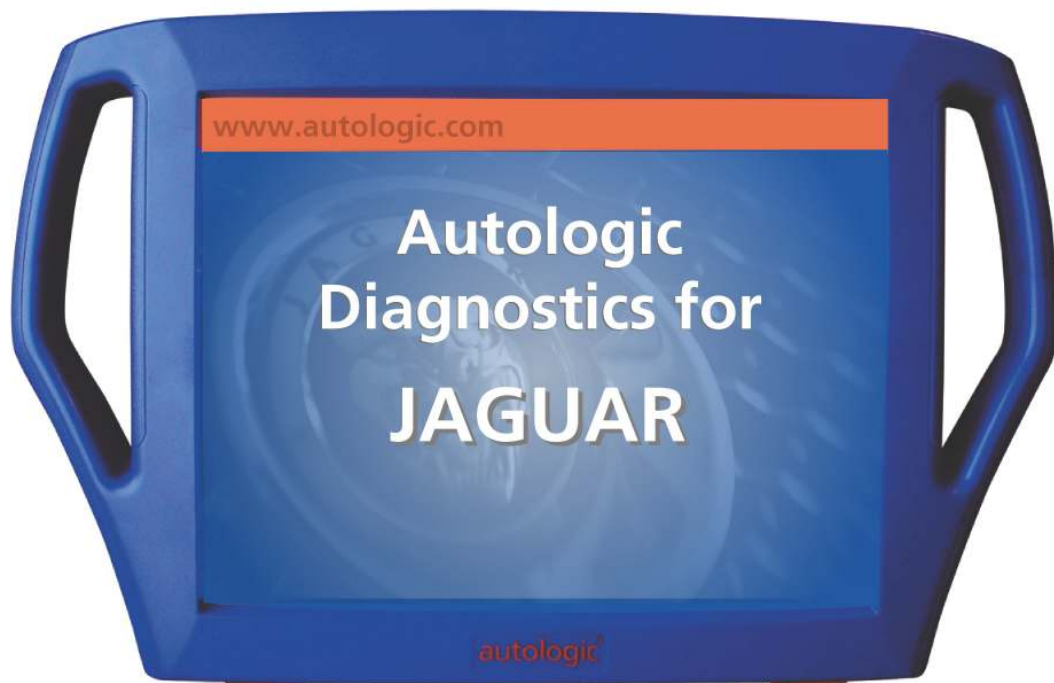# *Autologic Technical Specifications*

JAGUAR

1. JAGUAR PRODUCT DESCRIPTION

The *Autologic* diagnostic tool for Jaguar vehicles is without doubt the most comprehensive tool to be made available to independent Jaguar specialists. The world-first software enables access to full dealer-level capabilities that initially covers all XJ, XK, XF, S-TYPE & X-TYPE models up to 2008 MY. New software will be produced to cover future addition to the Jaguar range

Autologic for Jaguar is unique in offering full fault code read and clearing, displaying of dynamic data, component activation, clearing and setting of adaptation values, coding of all control modules, programming of engine and transmission control modules, adjustment of engine idle, programming of transponders (keys) and transmitters (remotes), procedure for engine and immobiliser alignment, the ability to trial substitute control modules, procedure for the fitting of Jaguar accessories and dealer options configuration.

The systems accessed by the tool include:

ABS Control Module	Instrument Cluster
Accessory Protocol Interface Module	Integrated Control panel
Adaptive damping Control Module	Intrusion Sensor
Adaptive Speed Control Module	Key Transponder Module
Adaptive Speed Control Booster Control Module	Keyless vehicle Module
Audio Amplifier Module	Message Centre Control Module
Audio front Control Module	Navigation Control Module
Auxiliary Junction Box (Rear Smart Junction Box)	Parking Assist Control Module
Body Processor Module	Parking brake Control Module
Cellular Telephone Control Module	Passenger Side (Rear) Door Module
Central Junction Box (Front Smart Junction Box)	Passenger's Door Module
Climate Control Module	Passenger's Seat Module
Column Memory & Mirror Control Module	Passenger's door Module
Driver Side (Rear) Door Module	Powertrain Control Module
Driver's Climate Control Seat Module	Rear Electronic Control Module
Driver's Door Module	Restraints Control Module
Driver's Seat Module	Restraints Occupancy Classification System
Engine Control Module	Satellite Audio Unit Module
Folding top Control Module	Security Locking Module
Front Control Display Interface Module	Side Object Detection Control Module - Left
Front Electronics Control Module	Side Object Detection Control Module - Right
Front interface Module	Speed Control Module
Gear Shift Module	Television Module
General Electronics Control Module	Transmission Control Module
Headlamp Control Module	Tyre Pressure Monitor Module
Heating, Ventilation & Air Conditioning Control Module	Vehicle Emergency Control Module
	Vehicle Immobiliser Module
HVAC Control Module	Voice Activation Control Module
Impact Classification System	Infotainment Control Module

Jaguar Leads & Connectors:

- Jaguar diagnostic connector and 1m cable
- 3m extension cable
- USB connector cable for Internet upgrades

System packaged in a lightweight, rugged flight case

2. DIAGNOSTIC CAPABILITIES

XJ	
Model	
X300	Read and clear fault codes, dynamic data, program new key transponders and key transmitters, clear key transmitters, oxygen sensor orientation, throttle pot adaption test, pedal position set-up, dealer options for security system control module.
Modules accessed	Engine control module, Transmission control module, Instrument pack, Anti-lock brake system, Security system control module, Climate control module, Body processor module, Drivers seat module, Passengers seat module, Column mirror memory control module.
X308	Read and clear fault codes, dynamic data, activation of components, program new key transponders and key transmitters, clear key transmitters, immobilization set up, last alarm activations, configure new & existing modules
Modules accessed	Engine control module, Transmission control module, Instrument pack, Anti-lock brake system, Key transponder module, Restraints control module, Climate control module, Security locking module, Body processor module, Drivers door module, Drivers seat module, Passengers seat module, Passengers door module, Drivers side rear door module, Passengers side rear door module, Adaptive damping control module.
X350	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program key transmitters, clear key transmitters, immobilization set up, last alarm activations, air suspension calibration, configure new & existing modules, ABS configuration reset, transmission adaptation reset.
Modules accessed	Adaptive speed control module, Adaptive damping control module, Anti-lock brake system, Audio module, Amplifier module, Cellular telephone control module, Voice activation control module, Climate control module, Drivers control module, Electronic parking brake, Engine control module, General (front) electronics control module, Headlight levelling control module's, Instrument pack, Navigation control module, Parking

	aid control module, Restraints control module, Rear electronics control module, Transmission control module, Drivers seat control module, Passengers seat control module.
X356	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program key transmitters, clear key transmitters, immobilization set up, last alarm activations, air suspension calibration, configure new & existing modules, ABS configuration reset, transmission adaptation reset. *Performance tunes are available for diesel engines.*
Modules accessed	Adaptive speed control module, Adaptive damping control module, Anti-lock brake system, Audio module, Amplifier module, Cellular telephone control module, Voice activation control module, Climate control module, Drivers control module, Electronic parking brake, Engine control module, General (front) electronics control module, Headlight levelling control module's, Instrument pack, Navigation control module, Parking aid control module, Restraints control module, Rear electronics control module, Transmission control module, Drivers seat control module, Passengers seat control module.

XF

X250 2008-2009	Read and clear fault codes, dynamic data, activation of components. Engine & Transmission adaptations, DPF regeneration, Start authorisation, Key transmitter & transponder programming. Programming & configuration of all new & existing modules. *Performance tunes are available for diesel engines.*
Modules Accessed	Side Object Detection Control Module – Left, Side Object Detection Control Module - Right, Tyre Pressure Monitor Module, Gear Shift Module, Vehicle Immobiliser Module, Impact Classification System, Speed Control Module (aka: Cruise Control Module), Passenger's Door Module, Passenger's Seat Module, Driver's Climate Control Seat Module, Driver's Door Module, Driver's Seat Module, Keyless Vehicle Module, Navigation Control Module, Parking Assist Control Module, Parking Brake Module, Heating, Ventilation & Air Conditioning Control Module, Audio Amplifier Module, Headlamp Control Module, Auxiliary Junction Box (aka: Rear Smart Junction Box), Satellite Audio Unit Module, Antilocking Braking System, Audio Front Control Module, Restraints Control Module, Restraints Occupancy Classification System, Central Junction Box (aka: Front Smart Junction Box), Powertrain Control Module, Instrument Cluster Control Module, Transmission Control Module, Accessory Protocol Interface Module, Front Control Display Interface Module, Infotainment Control Module, Adaptive Damping Control Module,

	Cellular Telephone Control Module, Television Module
X250 2010	Read and clear fault codes, dynamic data, activation of components. Engine & Transmission adaptations, DPF regeneration, Start authorisation, Key transmitter & transponder programming. Programming & configuration of all new & existing modules.
Modules Accessed	Side Object Detection Control Module – Left, Side Object Detection Control Module - Right, Tyre Pressure Monitor Module, Gear Shift Module, Vehicle Immobiliser Module, Impact Classification System, Speed Control Module (aka: Cruise Control Module), Passenger's Door Module, Passenger's Seat Module, Driver's Climate Control Seat Module, Driver's Door Module, Driver's Seat Module, Keyless Vehicle Module, Navigation Control Module, Parking Assist Control Module, Parking Brake Module, Heating, Ventilation & Air Conditioning Control Module, Audio Amplifier Module, Headlamp Control Module, Auxiliary Junction Box (aka: Rear Smart Junction Box), Satellite Audio Unit Module, Antilocking Braking System, Audio Front Control Module, Restraints Control Module, Restraints Occupancy Classification System, Central Junction Box (aka: Front Smart Junction Box), Powertrain Control Module, Instrument Cluster Control Module, Transmission Control Module, Accessory Protocol Interface Module, Front Control Display Interface Module, Infotainment Control Module, Adaptive Damping Control Module, Cellular Telephone Control Module, Television Module

XK		
X100	Read and clear fault codes, dynamic data, activation of components, program new key transponders and key transmitters, clear key transmitters, immobilization set up, last alarm activations, configure new & existing modules	
Modules accessed	Engine control module, Transmission control module, Instrument pack, Anti-lock brake system, Key transponder module, Restraints control module, Climate control module, Security locking module, Body processor module, Drivers door module, Drivers seat control module, Passengers door module, Passengers seat module, Adaptive damping control module	
X103	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, immobilization set up, programming and configuration of new & existing modules	
Modules accessed	Engine control module, Transmission control module, Instrument pack, Anti-lock control module, Key transponder module, Restraints control module, Climate control module, Security locking module, Body processor module, Drovers door module, Drivers seat module, Passengers door module, Passengers seat module, Adaptive damping control	

	module, Adaptive speed control module, Parking aid control module
X150 2006-2009	Read and clear fault codes, dynamic data, activation of components. Engine & Transmission adaptations, Start authorisation, Key transmitter & transponder programming. Programming & configuration of all new & existing modules.
Modules Accessed	Auxiliary junction box, Central junction box, Driver's door module, Passenger's door module, Folding top control module, Headlamp control module, HVAC control module, Impact classification system, Amplifier control module, Audio front control module, Cellular telephone control module, Front interface module, Navigation control module, Integrated control panel, Instrument cluster control module, Keyless vehicle module, Parking assist control module, Restraints control module, Drivers seat control module, Passengers seat control module, Vehicle immobiliser control module, ABS control module, Adaptive damping control module, Parking brake control module, Tyre pressure monitoring, Powertrain control module, Transmission control module, Adaptive speed control module.
X150 2010	Read and clear fault codes, dynamic data, activation of components. Engine & Transmission adaptations, Start authorisation, Key transmitter & transponder programming. Programming & configuration of all new & existing modules.
Modules Accessed	Auxiliary junction box, Central junction box, Driver's door module, Passenger's door module, Folding top control module, Headlamp control module, HVAC control module, Impact classification system, Amplifier control module, Audio front control module, Cellular telephone control module, Front interface module, Navigation control module, Integrated control panel, Instrument cluster control module, Keyless vehicle module, Parking assist control module, Restraints control module, Drivers seat control module, Passengers seat control module, Vehicle immobiliser control module, ABS control module, Adaptive damping control module, Parking brake control module, Tyre pressure monitoring, Powertrain control module, Transmission control module, Adaptive speed control module.

X-TYPE

X400	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, immobilization set up, programming and configuration of new & existing modules. *Performance tunes are available for diesel engines.*
Modules accessed	Engine control module, Transmission control module, Instrument pack, Anti-lock brake system, Climate control module, Restraints control module, General electronics control

module, Intrusion sensor module, Navigation control module, Audio module, Amplifier module, Cellular telephone control module, Voice activation control module, Drivers seat module, Parking aid control module.

S-TYPE	
X200	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, configure new & existing modules
Modules accessed	PCM, ABS, IP, ADRCM, CCM, PACM, FECM, RECM, MCCM, AUDIO, CTCM, VECM, VACM, DDM, DSM, PACM
X202	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, immobilization set up, configure new & existing modules
Modules accessed	ECM, TCM, IP, ABS, CCM, ASC, RCM, HLCM, EPB, ADRCM, RECM, FECM, ISM, NCM, Audio, Amp, CTCM, VACM, ACM, DSM, AdSCM, DDM, PACM
X204	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, immobilization set up, configure new & existing modules *Performance tunes are available for diesel engines.*
Modules accessed	ECM, TCM, IP, ABS, CCM, ASC, RCM, HLCM, EPB, ADRCM, RECM, FECM, ISM, NCM, AUDIO, Amp, CTCM, VACM, DSM, AdSCM, AHCM, PACM, DDM, NCM
X206	Read and clear fault codes, dynamic data, activation of components, program new and additional key transponders, program new key transmitters, clear key transmitters, immobilization set up, configure new & existing modules *Performance tunes are available for diesel engines.*
Modules accessed	ECM, TCM, IP, ABS, CCM, ASC, RCM, HLCM, EPB, ADRCM, RECM, FECM, ISM, NCM, AUDIO, Amp, CTCM, VACM, DSM, AdSCM, AHCM, PACM, DDM, NCM