

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.

Systems accessed by the tool include:

- Audio Amplifier Module
- ABS Control Module
- Accessory Protocol Interface Module
- Adaptive Damping Ride Control Module
- Adaptive Speed Control Module
- Amplifier Control Module
- Audio Front Control Module
- Auxiliary Junction Box (aka: Rear Smart Junction Box)
- Body Processor Module
- Cellular Telephone Control Module
- Central Junction Box (aka: Front Smart Junction Box)
- Climate Control Module
- Column Memory & Mirror Control Module
- Driver Door Module
- Driver Seat Module
- Driver Side (Rear) Door Module

Driver's Climate Control Seat Module

Engine Control Module

Front Control Display Interface Module

Front Electronics Control Module

Gear Shift Module

General Electronics Control Module

Headlamp Control Module

Heating, Ventilation & Air Conditioning Control Module

Impact Classification System

Infotainment Control Module

Instrument Cluster Control Module

Instrument Pack

Intrusion Sensor

Key Transponder Module

Keyless Vehicle Module

Message Centre Control Module

Navigation Control Module

Parking Assist Control Module

Parking Brake Module

Passenger Door Module

Passenger Seat Module

Passenger Side (Rear) Door Module

Powertrain Control Module

Rear Electronic Control Module

Restraints Control Module

Satellite Audio Unit Module

- Security Locking Module
- Side Object Detection Control Module - Left
- Side Object Detection Control Module - Right
- Speed Control Module
- Television Module
- Transmission Control Module
- Tyre Pressure Monitor Module
- Vehicle Emergency Control Module
- Vehicle Immobiliser Module
- Voice Activation Control Module

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

<u>XJ</u>	
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	ECM, TCM, IP, ABS, SSCM, CCM, BPM, DSM, PSM, CMMCM
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	ECM, TCM, IP, ABS, KTM, RCM, CCM, SLM, BPM, DDM, DSM, PSM, PDM, DS(R)DM, PS(R)DM, ADRCM
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	ASCM, ABS, Audio, Amp, CTCM, VACM, CCM, DDM, EPB, ECM, GECCM, HLCCM's, IP, NCM, PACM, RCM, RECCM, TCM, DSM, PSM, AdSCM
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	ASCM, ABS, Audio, Amp, CTCM, VACM, CCM, DDM, EPB, ECM, GECCM, HLCCM's, IP, NCM, PACM, RCM, RECCM, TCM, DSM, PSM, AdSCM

XF

X250	Read and clear fault codes, dynamic data, activation of components. 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
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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	ECM, TCM, IP, ABS, KTM, RCM, CCM, SLM, BPM, DDM, DSM, PDM, PSM, ADRCM
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	ECM, TCM, IP, ABS, KTM, RCM, CCM, SLM, BPM, DDM, DSM, PDM, PSM, ADRCM, AdSCM, PACM
X150	Read and clear fault codes, dynamic data, activation of components
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.
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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	ECM, TCM, IP, ABS, CCM, RCM, GECM, ISM, NCM, Audio, Amp, CTCM, VACM, DSM, PACM

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, HLCCM, 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

	<p>key transmitters, immobilization set up, configure new & existing modules</p> <p>Performance tunes are available for diesel engines.</p>
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	<p>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</p> <p>Performance tunes are available for diesel engines.</p>
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