

## *Autologic Technical Specifications*



# RENAULT

## 1. RENAULT PRODUCT DESCRIPTION

The *Autologic* diagnostic tool for Renault vehicles is the most comprehensive tool to be made available to independent Renault specialists. The software enables access to full dealer-level capabilities that initially covers all of the following vehicles;

- TWINGO 1 (X06)
- TWINGO 2 (X44)
- CLIO 2 (X65)
- CLIO 3 (X85)
- MEGANE 1 (X64)
- MEGANE 2 (X84)
- MEGANE 3 (X95)
- FLUENCE (L38)
- LAGUNA 1 (X56)
- LAGUNA 2 (X74)
- LAGUNA 3 (X91)
- KOLEOS (X45)
- VEL SATIS (X73)
- MODUS (X77)
- SCENIC 1(X84)
- SCENIC 2 (X84)
- ESPACE 3 (X66)
- ESPACE 4 (X81)
- KANGOO 1 (X76)
- TRAFIC 2 (X83)
- MASTER 2 (XDX)
- MASTER 2 RWD (X70)
- MASTER 3 (X70)
- MASTER 3 RWD (X24)

New software will be produced to cover future addition to the Renault range.

Autologic for Renault is unique in offering all features supported by all control modules fitted across the Renault range including for all modules: Fault reading and clearing, dynamic parameter and status display, configuration of module, activation, clearing adaptive data as well as recording dynamics and key and transponder coding. Autologic for Renault also provides full testing and configuration of modules on the Multiplex network.

**The systems covered by the Autologic include:**

Driver Position	Multimedia Connection (MMC)
Supervisor	Multiplex (MPX)
Parking Assist (A.A.P)	Navigation (NAV)
Abs (A.B.S)	LPG Injection (NJG)
Airbag (A.C.U)	Tyres (PNE)
Air Conditioning (B.A.C)	Distance Regulator (RAD)
Adaptation Unit (B.A.E)	Radio (RDO)
Can Interface Unit (B.I.C)	Suspension (SUS)
Gearbox (B.V.A)	Instrument (TDB)
Heater (C.H.A)	Door Management (TIR)
Pas (D.A.V)	Interconnection (UCH)
Controlled Clutch (E.MBR)	Sunroof (UCT)
Inverter (E.V.E)	Underbonnet Switching Unit (UPC)
Parking Brake (F.PA)	Rev Counter (VIG)
Immobiliser (H.DG)	Cruise Control (VTT)
Engine (I.NJ)	4 Wheel steering (4RD)
Hands Free (K.MI)	4 Wheel Drive
Lighting (LAD/LAM)	Amplifier
Drivers/Passengers Door (DDM/PDM)	

**Renault Leads & connectors:**

- 16 pin OBD cable- for all OBD compliant Renault vehicles
- Renault 12 pin to OBD converter cable for Renault vehicles fitted with the 12 pin
- Green OBD to OBD multimedia network converter cable- for Autologic units up to A005693

System packaged in a lightweight, rugged flight case

## 2. DIAGNOSTIC CAPABILITIES

RENAULT VEHICLES	
CARS	MODULES COVERED
<b>TWINGO</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• LPG Injection</li> </ul>
<b>TWINGO2</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Rev Counter</li> <li>• Radio</li> <li>• CAN Interface Unit</li> <li>• Multimedia Connection</li> <li>• PAS</li> <li>• Parking Assist</li> </ul>
<b>CLIO2</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• Airbag</li> <li>• Immobiliser</li> <li>• Connection Unit</li> <li>• Gearbox</li> <li>• Air Conditioning</li> <li>• Gas</li> </ul>
<b>CLIO2V6</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• Connection Unit</li> <li>• Immobiliser</li> <li>• Airbag</li> <li>• Air Conditioning</li> </ul>
<b>CLIO2 FACELIFT</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• ABS</li> <li>• Airbag</li> <li>• Immobiliser</li> <li>• Connection Unit</li> <li>• Steering</li> <li>• Gearbox</li> <li>• Air Conditioning</li> <li>• Lighting</li> <li>• Engine</li> <li>• Gas</li> </ul>
<b>CLIO2 FACELIFT V6</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• Connection Unit</li> <li>• Immobiliser</li> <li>• Airbag</li> <li>• Air Conditioning</li> </ul>
<b>CLIO3</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Under-bonnet Switching Unit</li> <li>• Tyres</li> <li>• Lighting</li> <li>• Radio</li> <li>• CAN Interface Unit</li> <li>• Multimedia Connection</li> <li>• Parking Assist</li> </ul>

	<ul style="list-style-type: none"> <li>• Gearbox</li> <li>• PAS</li> </ul>
<b>THALIA/Symbol</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> </ul>
<b>MEGANE 1</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• LPG Injection</li> <li>• Controlled Clutch</li> <li>• Abs</li> <li>• Intercon</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Immobiliser</li> <li>• VER Position</li> <li>• Under-bonnet</li> <li>• Tyres</li> </ul>
<b>SCENIC1</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• LPG Injection</li> <li>• Controlled Clutch</li> <li>• ABS</li> <li>• Intercon</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Immobiliser</li> <li>• Driver Position</li> <li>• Under-bonnet</li> <li>• Tyres</li> </ul>
<b>MEGANE 2</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• PAS</li> <li>• Under-bonnet Switching Unit</li> <li>• Sunroof</li> <li>• Lighting</li> <li>• Navigation</li> <li>• LPG Injection</li> <li>• Parking Assist</li> </ul>
<b>SCENIC2</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Parking Brake</li> <li>• PAS</li> <li>• Under-bonnet Switching Unit</li> <li>• Parking Assist</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN Interface Unit</li> <li>• LPG Injection</li> <li>• Lighting</li> </ul>

<b>MEGANE3</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Parking Brake</li> <li>• PAS</li> <li>• Under-bonnet Switching Unit</li> </ul>	<ul style="list-style-type: none"> <li>• Sunroof</li> <li>• Lighting</li> <li>• Parking Assist</li> <li>• Drivers Door</li> <li>• Passengers Door</li> <li>• Driver Position</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN Interface Unit</li> </ul>
<b>FLUENCE</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• PAS</li> <li>• Under-bonnet Switching Unit</li> </ul>	<ul style="list-style-type: none"> <li>• Sunroof</li> <li>• Lighting</li> <li>• Parking Assist</li> <li>• Drivers Door</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN Interface Unit</li> <li>• Amplifier</li> <li>• Multimedia connection</li> </ul>
<b>LAGUNA</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> </ul>	<ul style="list-style-type: none"> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• PAS</li> <li>• Driver Position</li> </ul>
<b>LAGUNA FACELIFT</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• LPG Injection</li> <li>• ABS</li> <li>• Air Conditioning</li> <li>• PAS</li> </ul>	<ul style="list-style-type: none"> <li>• Instrument</li> <li>• UCH</li> <li>• Gearbox</li> <li>• Airbag</li> <li>• Driver Position</li> </ul>
<b>LAGUNA 2</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Instrument</li> <li>• Engine</li> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> </ul>	<ul style="list-style-type: none"> <li>• LPG Injection</li> <li>• Lighting</li> <li>• Parking Assist</li> <li>• Heater</li> <li>• Navigation</li> <li>• Hands Free</li> <li>• Parking Brake</li> </ul>

<b>LAGUNA 3</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Parking Brake</li> <li>• PAS</li> <li>• Under-bonnet switching unit</li> <li>• Lighting</li> </ul>	<ul style="list-style-type: none"> <li>• 4 Wheel steering</li> <li>• Parking Assist</li> <li>• Drivers Door</li> <li>• Passengers Door</li> <li>• Driver Position</li> <li>• Left hand door</li> <li>• Right hand door</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN interface unit</li> <li>• Amplifier</li> <li>• Multimedia connection</li> </ul>
<b>VELSATIS</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• Instrument</li> <li>• Hands Free</li> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• Distance Regulator</li> </ul>	<ul style="list-style-type: none"> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Parking Brake</li> <li>• Tyres</li> <li>• Lighting</li> <li>• Parking Assist</li> <li>• Heater</li> <li>• Navigation</li> </ul>
<b>ESPACE 3</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• Immobiliser</li> <li>• Interconnection</li> <li>• Airbag</li> </ul>	<ul style="list-style-type: none"> <li>• Air Conditioning</li> <li>• Gearbox</li> <li>• Heater</li> <li>• Lighting</li> <li>• Door Management</li> <li>• Cruise Control</li> </ul>
<b>ESPACE 4</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Hands Free</li> <li>• Engine</li> <li>• Instrument</li> <li>• Gearbox</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN Interface Unit</li> </ul>	<ul style="list-style-type: none"> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> <li>• Parking Brake</li> <li>• Lighting</li> <li>• Parking Assist</li> <li>• Heater</li> </ul>
<b>KOLEOS</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• Instrument</li> <li>• UCH</li> <li>• Airbag</li> <li>• Gearbox</li> <li>• Parking brake</li> <li>• PAS</li> </ul>	<ul style="list-style-type: none"> <li>• Four Wheel drive</li> <li>• Parking assist</li> <li>• Cornering lights</li> <li>• Navigation</li> <li>• Radio</li> <li>• CAN interface unit</li> <li>• Amplifier</li> <li>• Multimedia connection</li> </ul>

	<ul style="list-style-type: none"> <li>• Under-bonnet switching unit</li> <li>• Tyres</li> </ul>	<ul style="list-style-type: none"> <li>• Lighting</li> </ul>
<b>KANGOO</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• ABS</li> <li>• UCH</li> <li>• Airbag</li> <li>• Air Conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Gearbox</li> <li>• LPG Injection</li> <li>• Supervisor</li> <li>• Inverter</li> <li>• Heater</li> </ul>
<b>KANGOO MUX</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Immobiliser</li> </ul>	<ul style="list-style-type: none"> <li>• Interconnection</li> <li>• Airbag</li> <li>• Gearbox</li> <li>• LPG Injection</li> </ul>
<b>TRAFIC 2</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• Navigation</li> <li>• ABS</li> </ul>	<ul style="list-style-type: none"> <li>• UCH</li> <li>• Airbag</li> <li>• Gearbox</li> <li>• Heater</li> </ul>
<b>MASTER PH1</b>	<ul style="list-style-type: none"> <li>• Engine</li> <li>• UCH</li> </ul>	<ul style="list-style-type: none"> <li>• Airbag</li> </ul>
<b>MASTER PH1 RWD</b>	<ul style="list-style-type: none"> <li>• UCH</li> </ul>	<ul style="list-style-type: none"> <li>• Airbag</li> </ul>
<b>MASTER PH2</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• UCH</li> </ul>	<ul style="list-style-type: none"> <li>• Gearbox</li> </ul>
<b>MASTER PH2 RWD</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> </ul>	<ul style="list-style-type: none"> <li>• UCH</li> </ul>
<b>MASTER PH3</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• Navigation</li> <li>• ABS</li> <li>• UCH</li> </ul>	<ul style="list-style-type: none"> <li>• Airbag</li> <li>• Gearbox</li> <li>• Adaptation Unit</li> <li>• Suspension</li> <li>• Parking Assist</li> </ul>
<b>MASTER PH3 RWD</b>	<ul style="list-style-type: none"> <li>• Multiplex</li> <li>• Engine</li> <li>• ABS</li> <li>• Navigation</li> </ul>	<ul style="list-style-type: none"> <li>• UCH</li> <li>• Airbag</li> <li>• CAN Interface</li> </ul>