Vehicle Explorer V1.33: Master Change Log

August 2014 Release

ECU Legend
(Type 1) = Discovery 3
(Type 2) = RRS 2005 - 2009
(Type 3) = L322 2005 - 2009
(Type 5) = Discovery 4 (Up to 2014)
(Type 6) = RRS 2010 - 2014
(Type 7) = L322 2010 - 2014

ABS and Park Brake

ABS 1 (type 5): Inputs and Outputs sections added
Inputs 2 sections:
(i) Inlet, Outlet & Other
(ii) Mounting, Wheel Speed & Other

ABS 1 (type 6): Inputs and Outputs sections added
Inputs 2 sections:
(i) Inlet, Outlet & Other
(ii) Mounting, Wheel Speed & Other

ABS 1 (type 7): Inputs and Outputs sections added
Inputs 2 sections:
(i) Inlet, Outlet & Other
(ii) Mounting, Wheel Speed & Other

Park Brake Module 1 (type 5): Inputs and Outputs sections added
Inputs 2 sections:
(i) Inlet, Outlet & Other
(ii) Mounting, Wheel Speed & Other

Park Brake Module 1 (type 6): Inputs and Outputs sections added
Inputs 2 sections:
(i) System Information & Status
(ii) Door Status & Other

Park Brake Module 1 (type 7): Inputs and Outputs sections added
Inputs 2 sections:
(i) System Information & Status
(ii) Door Status & Other

Audio/Video

DAB Radio 2 (type 6): Inputs section added
DAB Radio 2 (type 7): Inputs section added
Digital Audio Broadcast Module (type 2): Inputs section added
Front Control interface B (type 5): Inputs section added
Front Control Interface B (type 6): Inputs section added
Integrated Head Unit 4 (type 5): Inputs section added
Integrated Head Unit 4 (type 6): Inputs section added
Rear Entertainment (type 5): Inputs section added
Rear Entertainment (type 6): Inputs section added

Rear Entertainment (type7): Inputs section added
Television (type 5): Inputs section added
Touch Screen 2 (type 5): Inputs section added
Touch Screen 2 (type 6): Inputs section added
Touch Screen 2 (type 7: Inputs section added
Television (type 6): Inputs section added
Television (type 7): Inputs section added

Body Control

Body Control (CJB) ECU Software Flashing now available on 2010 – 2012 (11-bit CAN) models.

Central Junction box 3 (type 1): Inputs and Outputs sections added
Inputs in 4 sections:
(i) Analogue Inputs, Crank Determination & Other
(ii) Security Status
(iii) Steering Column, Tyre Pressure & Battery
(iv) Other

Central Junction Box 3 (type 2): Inputs and Outputs sections added
Inputs in 4 sections:
(i) Analogue Inputs, Crank Determination & Other
(ii) Security Status
(iii) Steering Column, Tyre Pressure & Battery
(iv) Other

Central Junction Box 3 (type 3): Inputs and Outputs sections added
Inputs in 4 sections:
(i) Analogue Inputs, Crank Determination & Other
(ii) Security Status
(iii) Steering Column, Tyre Pressure & Battery
(iv) Other

Diesel EMS

Diesel V6 type 3 (3.0L): Outputs section added
Additional Inputs added and all inputs now grouped into 3 sections
(i) Air Flow, Boost Pressure & Engine I/O
(ii) Exhaust Gas Recirculation
(iii) Pedal Position & Other

Diesel V6 type 4 (3.0L): Outputs section added
Additional Inputs added and now has 3 sections
(i) Air Flow, Boost Pressure & Engine I/O
(ii) Exhaust Gas Recirculation
(iii) Pedal Position & Other
Diesel V6 type 5 (2.7L): Inputs section added

Diesel V8 type 5: Inputs section added
Additional Inputs added and now has 3 sections
(i) Air Flow, Boost Pressure & Engine I/O
(ii) Exhaust Gas Recirculation
(iii) Pedal Position & Other

Diesel V6 types 1+2: Manifold pressure and Engine Speed values have been migrated to different pages to give better reading and a clearer user interface.

Driver Aid

All Terrain Control Module 1 (type 2) Faults, Settings and Inputs pages sections added.
All terrain Control Module 1 (type 5) - Inputs section added
All terrain Control module 1 (type 6) - Inputs section added
All terrain Control module 1 (type 7) - Inputs section added
Keyless Start (type 6) - Inputs section added
Keyless Start (type 7) - Inputs section added

Parking Distance Control 2 (type 6): Inputs section added
(i) Distance Sensors and parking Aid Options
(ii) Detection Status & Other

Parking Distance Control 2 (type 7): Inputs section added
(i) Distance Sensors and parking Aid Options
(ii) Detection Status & Other

Tyre Pressure Monitor: Inputs page fixed

Heat/VENT/AC

Fuel Burning Heater 3 (type 6): Inputs section added
Front Control Interface HEVAC (type 5): Inputs section added
Front Control Interface HEVAC (type 6): Inputs section added
Front Control Interface HEVAC (type 7): Inputs section added
Heating Ventilation and AC 1 (type 5): Inputs section added
Heating Ventilation and AC 1 (type 6): Inputs section added
Heating Ventilation and AC 1 (type 7): Inputs section added

Instrumentation

Instrument Pack 9 (type 1): Inputs and Outputs sections added
Inputs:
(i) Warning Lamps
(ii) Valves
Instrument Pack 9 (type 2): Inputs and Outputs sections added
Inputs:
(i) Warning Lamps
(ii) Values

Instrument Pack 9 (type 3): Inputs and Outputs sections added
Inputs:
(i) Warning Lamps
(ii) Values

Other Systems

Drivers Door Module 1 (type 5): Inputs section added
Drivers Door Module 1 (type 6): Inputs and Outputs sections added
Drivers Door Module 1 (type 7): Inputs and Outputs sections added
Drivers Seat Module 1 (type 5): Inputs section added
Drivers Seat Module 1 (type 6): Inputs section added

Drivers Seat Module 1 (type 6): Inputs section added
Passenger Door Module 1 (type 5): Inputs and Outputs sections added
Passenger Door Module 1 (type 6): Inputs and Outputs sections added
Passenger Door Module 1 (type 7): Inputs and Outputs sections added

Petrol EMS

Normally Aspirated V8 Type 4: Inputs section added
(i) Accelerometer, Camshaft & Other
(ii) Crankshaft Torque & Engine Inputs
(iii) Engine Output 1 & 2
(iv) Fuel Injector, Knock Sensor & Fuel Trim
(v) Current, Position, Voltage & Other
(vi) Other

Normally Aspirated V8 type 5: Inputs section added
(i) Accelerometer, Camshaft & Other
(ii) Crankshaft Torque & Engine Inputs
(iii) Engine Output 1 & 2
(iv) Fuel Injector, Knock Sensor & Fuel Trim
(v) Current, Position, Voltage & Other
(vi) Other

Normally Aspirated V8 type 6: Inputs section added
(i) Accelerometer, Camshaft & Other
(ii) Crankshaft Torque & Engine Inputs
(iii) Engine Output 1 & 2
(iv) Fuel Injector, Knock Sensor & Fuel Trim
(v) Current, Position, Voltage & Other
(vi) Other

Safety Restraint

Restraint Control Module 1 (type 5): Inputs section added
(i) Resistance, Accelerometer & Other
(ii) Seats, Airbags & Other

Restraint Control Module 1 (type 6): Inputs section added
(i) Resistance, Accelerometer & Other
(ii) Seats, Airbags & Other

Restraint Control Module 1 (type 7): Inputs section added
(i) Resistance, Accelerometer & Other
(ii) Seats, Airbags & Other

Steering

Steering Angle 2 (type 5): Inputs section added
Steering Angle 2 (type 6: Inputs section added
Steering Angle 2 (type 7): Inputs section added

Suspension

Active Damper (type 6): Inputs and Outputs sections added
Inputs:
(i) System Status, Current & Duty Cycle
(ii) Vertical Acceleration & Damper Status
(iii) Height and Voltage

Active Damper (type 7): Inputs and Outputs sections added
Inputs:
(i) System Status, Current & Duty Cycle
(ii) Vertical Acceleration & Damper Status
(iii) Height and Voltage

Active Ride Control Module 1 (type 6): Inputs and Outputs sections added
(i) Status & Height
(ii) Current, Pressure & Other

Ride Level module 2 (type 5): Additional Input section added
(i) Voltages, Heights & Currents (previously Voltages & Heights)
(ii) LED & Status (previously Status)
(iii) Calibration & Other

Ride Level Module 2 (type 6): Additional Inputs section added
(i) Voltages, Heights & Currents
(ii) LED & Status
(iii) Calibration & Other

Ride Level module 2 (type 7): Additional Input section added
(i) Voltages, Heights & Currents
(ii) LED & Status
(iii) Calibration & Other

Transmission

Transfer Case Control module 1 (type 5) Inputs section added
(i) Voltage & Other
(ii) Internal, Input & Output Status

Transfer Case Control Module 1 (type 6) - Inputs and Outputs sections added
(i) Voltage & Other
(ii) Internal, Input & Output Status

Transfer Case Control Module 1 (type 7) - Inputs and Outputs sections added
(i) Voltage & Other
(ii) Internal, Input & Output Status

Transmission Control Module 1 (type 1) - Inputs section added
(i) Speed, Temperature, Pressure & Control
(ii) Sensors and Switches
(iii) Solenoid States & Signal Information

Transmission Control module 1 (type 5) Inputs section added
(i) Manual Shift Status & Other
(ii) Transmission Fluid

Transmission Control Module 1 (type 6) - Inputs section added
(i) Manual Shift Status & Other
(ii) Transmission Fluid

Transmission Control Module 1 (type 7) - Inputs section added
(i) Manual Shift Status & Other
(ii) Transmission Fluid

Miscellaneous fixes

Various ECU values have been amended to the correct readings and values

Spelling errors and grammar mistakes have been amended.

Help pages have been corrected to show the model they refer to where some were directing to other models

Info pages fixed on all sections

Standalone mode fixed to Include the Discovery 4.

Software additions

A new Server Software Manager has been added to VE 1.33. Although modelled on the previous SSM, the new version hosts more stable communications while transferring modules in mass, more comprehensive functionality for transferring/copying modules aswell as features that allow the SSM to intelligently assist in controlling licensed modules on the server.

There is a manual regarding these new features and functions, it can be found on the BBS Forum in the documents section.