

System Coverage by Vehicle for Faultmate FCR

The following systems are covered in each version of the Faultmate FCR.

FCR10: Range Rover L322 2002-2004

Engine Management – Bosch DDE4 – TD6
Engine Management – Bosch ME 7.2 – V8 Petrol
Body Control – GM3 BCU
Alarm – Anti Theft EWS 3D Immobiliser
Instrumentation – IPAC Type 2
Suspension – WABCO EAS (NRR)
Airbag – SRS MRS4
Gearbox – Bosch GS8.60.1 – V8
Gearbox – Siemens Auto Gearbox 1 – TD6
Transfer Box – Siemens Transfer Box ECU
Steering Angle
Steering Lock
Steering Wheel
Bi-Xenon Headlights
Light Check Module
Headlamp Leveling
Webasto Fuel Burning Heater
HeVAC 2 (NRR)
Digital Sound Processor
Telephone
Radio
Speech Recognition
Multi-Information Display
Satellite Navigation Unit
Television Tuner
Park Distance Control
Memory Seats
Rain Sensor

FCR11: Range Rover L322 2005-2009

The L322 was not converted to CAN bus technology all in one go. It evolved with more and more on board systems being replaced over a 3 year period. Below is listed the CAN Bus modules that were added each year. Where a CAN bus module was added, the legacy version from the above list was dropped. The FCR11 software has both legacy and CAN Bus modules so that all vehicles between 05 and 09 are fully covered.

L322 – 2005 Model Year:

Audio Amplifier Module
Audio Control Module / Head unit (Also MOST to CAN Gateway)
Satellite Radio Module
Compact Disc Player
Front Electronics Module (display unit)
Rear Electronics Module (Rear Entertainment)
Traffic Message Channel Module
Television Module
Telephone
Gateway Module

L322 – 2006 Model Year:

All 2005 Model year modules plus:

Petrol Normally Aspirated V8
Petrol Supercharged V8
Vehicle Dynamics Control Module
Ride Level Module (EAS)
Vehicle Immobiliser Module
Transmission Control Module
Transfer Case Control Module
ABS
Companion Cam Dock Module
Instrument Pack (Also CAN Gateway)
Front Lighting Module
Steering Angle Sensor Module
Tyre Pressure Monitor

L322 – 2007-2009 Model Year:

All above plus:

Diesel V8
Park Brake Module
Vehicle Immobiliser Module
Restraints Control Module (Airbag)
Occupant Classification System
Rear Differential Control Module
Drivers Seat Climate Control Module
Rear Ventilation & Heating Control Module
All Terrain Control Module
Remote Driver Utility Module
Running Board Control Module

FCR12: Range Rover L322 2010-Onwards.

Engine Management
ABS/ETC
All Terrain Control Module
Body Control Module
Adaptive Cruise Control
Headlight Control Module
Occupant Classification System
Ride Control Module
Rear Differential Control Module
Steering Angle Sensor Module
Transfer Box Modules
Instrument Pack
Parking Break Module
Ride Level Module (EAS)
Vehicle Immobiliser
Active Damper Control Module
Active Ride Control Module
Drivers Door Module

Drivers Seat Module
HEVAC
Park Aid Module
Passenger Door Module
Audio Control
Camera Control
Keyless Start System
Drivers Seat HEVAC
Passenger Door Module
Keyless Start System
Headlight Control Module
HEVAC
Park Distance Control
Side Object Detection – Left
Side Object Detection - Right
Audio Amplifier
Accessory Interface
DAB Radio
High Definition (HD) Radio
Touch Screen Module
Rear Audio Visual
Satellite Radio
Telephone
Television
CD player

FCR20: Range Rover Sport 2005-2009.

Petrol Normally Aspirated V8
Petrol Supercharged V8
Diesel V8
Diesel V6
Central Junction Box / BCU
ABS / ETC
Park Brake Module
Ride Level Module (EAS)
Active / Dynamic Ride Module
Restraints Control Module
Transmission Control Module
Transfer Box Control Module
Rear Differential Control Module
Heating Ventilation and AC
Fuel Burning Heater
Instrument Pack High Line
Instrument Pack Low Line
Adaptive Front Lighting System
Integrated Head Unit (Radio) High Line
Integrated Head Unit (Radio) Low Line
Audio Amplifier Module
Satellite Radio Module

LCD / Touch Screen Display (Front Electronics Module)
Rear Entertainment Module
Traffic Message Channel
Television Module
Telephone
Steering Angle Sensor
All Terrain Control Module
Cruise Control
Parking Distance Control
Tyre Pressure Monitor

FCR21: Range Rover Sport 2010-Onwards.

Engine Management
ABS/ETC
All Terrain Control Module
Body Control Module
Adaptive Cruise Control
Headlight Control Module
Occupant Classification System
Ride Control Module
Rear Differential Control Module
Steering Angle Sensor Module
Transfer Box Modules
Instrument Pack
Parking Break Module
Ride Level Module (EAS)
Vehicle Immobiliser
Active Damper Control Module
Active Ride Control Module
Fuel Burning Heater
Drivers Door Module
Drivers Seat Module
HEVAC
Park Aid Module
Passenger Door Module
Audio Control
Control Interface1
Control Interface2
Camera Control
Keyless Start System
Active Ride Control Module
Audio Amplifier
Accessory Interface
DAB Radio
High Definition (HD) Radio
Touch Screen Module
Rear Audio Visual
Satellite Radio
Telephone
Television

FCR30: Discovery 3 / LR3.

Petrol Normally Aspirated V8
Petrol Normally Aspirated V6
Diesel V6
Central Junction Box / BCU
ABS / ETC
Park Brake Module
Ride Level Module (EAS)
Active / Dynamic Ride Module
Restraints Control Module
Transmission Control Module
Transfer Box Control Module
Rear Differential Control Module
Heating Ventilation and AC
Fuel Burning Heater
Instrument Pack High Line
Instrument Pack Low Line
Adaptive Front Lighting System
Integrated Head Unit (Radio) High Line
Integrated Head Unit (Radio) Low Line
Audio Amplifier Module
Satellite Radio Module
LCD / Touch Screen Display (Front Electronics Module)
Rear Entertainment Module
Traffic Message Channel
Television Module
Telephone
Steering Angle Sensor
All Terrain Control Module
Cruise Control
Parking Distance Control
Tyre Pressure Monitor

FCR31: Discovery 4 / LR4.

Engine Management
ABS/ETC
All Terrain Control Module
Body Control Module
Adaptive Cruise Control
Headlight Control Module
Occupant Classification System
Ride Control Module
Rear Differential Control Module
Steering Angle Sensor Module
Transfer Box Modules
Instrument Pack
Parking Brake Module

Ride Level Module (EAS)
Vehicle Immobiliser
Fuel Burning Heater
Drivers Door Module
Drivers Seat Module
HEVAC
Park Aid Module
Passenger Door Module
Audio Control
Control Interface
Camera Control
Keyless Start System
Speech Recognition
Audio Amplifier
Accessory Interface
DAB Radio
High Definition (HD) Radio
Touch Screen Module
Rear Audio Visual
Satellite Radio
Telephone
Television

FCR41: Defender 2007-Onwards.

Diesel Engine Management
Instrument Pack

FCR50: Freelander 2 / LR2 2007-Onwards.

I6 Petrol Engine Management
TD4 Diesel Engine Management
Central Junction Box
Drivers Door Module
Passenger Door Module
Drivers Seat Module
ABS
Restraints Control Module
Occupant Classification System
Transmission Control Module
Rear Differential Control Module
Automatic Temperature Control
Fuel Burning Heater
Instrument Pack
Headlamp Control Module
Audio Amplifier Module
Integrated Head / Control Unit (Low Line)
Integrated Head Unit (High Line)
Integrated Control Unit (High Line)
High Level Front Display Module
Digital audio Broadcast Module

Satellite Radio Module
Satellite Navigation Module
Telephone
Steering Angle Sensor
Parking Distance Control
All Terrain Control Module
Trailer Control Module

FCR60: Range Rover P38 1995-2002.

Lucas GEMS Petrol Engine Management System
Bosch Diesel Engine Management System
Bosch Motronic Petrol Engine Management System
Airbag System – to 1996
Airbag System – 1996 -1999
Airbag System – 1999 onwards
Anti Lock Braking/Traction Control to 1999
Anti Lock Braking/Traction Control 1999 onwards
Air Suspension
Climate Control
Automatic Gearbox to 1999
Automatic Gearbox 1999 onwards
Bosch Motronic EMS Cruise Control