

Rover V23.12 Diagnostics List (Note:For reference only)

| Vehicle | Systems | Functions | | | | | | |
|-----------------------|-------------------------------|------------|-----------|------------|-------------|-----------|--|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| Roewe550 | Engine Management 1.8T | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Engine Control Module 1.8 VCT | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Automatic Gearbox | √ | √ | √ | √ | | 1.Reset adaptions | |
| | ABS | √ | √ | √ | √ | √ | 1.ABS Modulator Bleed Process | |
| | SRS | √ | √ | √ | | | | |
| | Digital Instrument Pack | √ | √ | √ | √ | √ | 1.Set Odometer Offset 2.Service Interval Reset 3.Instrument Pack Self Test | |
| | Body Control Module | √ | √ | √ | √ | √ | 1.Set power mode | |
| | Electric Windows | | √ | √ | √ | √ | | |
| | Central Locking | | √ | √ | √ | √ | | |
| | Wipers and Washers | | √ | √ | √ | √ | | |
| | Interior and Exterior Lights | | √ | √ | √ | √ | | |
| | Security and Immobilisation | | √ | √ | √ | | | |
| | Navigation System | √ | √ | √ | | √ | 1.Colour Screen Self Test | |
| | HEVAC | √ | √ | √ | √ | √ | | |
| | ESCL | √ | √ | √ | √ | | | |
| | ICE | | √ | √ | | | | |
| Park Distance Control | √ | √ | √ | √ | √ | | | |
| Rain Sensor | √ | √ | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|----------|--------------------------------|------------|-----------|------------|-------------|-----------|---|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Electronic Temperature Control | √ | √ | √ | √ | | | |
| Roewe750 | Engine Management 1.8T | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Engine Management KV6 | √ | √ | √ | √ | √ | | |
| | Automatic Gearbox | √ | √ | √ | √ | | 1.Reset adaptions | |
| | ABS | √ | √ | √ | √ | √ | 1.Brake deflation procedures 2.Car Brake deflation | |
| | SRS | √ | √ | √ | | | 1.Activate / disable collision detection | |
| | Instrument Pack | √ | √ | √ | √ | √ | 1.Service Interval Reset | |
| | Electric Windows | √ | √ | √ | √ | √ | | |
| | Wipers and Washers | √ | √ | √ | √ | √ | | |
| | Climate Control | √ | √ | √ | √ | √ | | |
| | Rain Sensor | √ | √ | √ | √ | | | |
| | Exterior Lights | √ | √ | √ | √ | √ | | |
| | Memory Seats | √ | √ | √ | √ | √ | | |
| | Sunroof | √ | √ | √ | √ | √ | | |
| | Manual Air Conditioning | √ | √ | √ | √ | | | |
| | Heated Rear Window | √ | √ | √ | √ | | | |
| | Interior Lights | √ | √ | √ | √ | √ | | |
| Security | √ | √ | √ | √ | √ | | | |
| GIM | | √ | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|---------|---------------------------------|------------|-----------|------------|-------------|-----------|---|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| MG3 | Engine Management System (MEMS) | √ | √ | √ | √ | √ | 1.Set Idle Speed Offset 2.Immobilizer synchronization 3.Set ignition offset | |
| | ABS 8 | √ | √ | √ | √ | √ | 1.Diagnostic speed limit 2.throttle relay | |
| | Automatic Gearbox (CVT) | | √ | √ | √ | | | |
| | Airbag Control Unit | √ | √ | √ | √ | | | |
| MG6 | Engine Management 1.8T | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Engine Control Module 1.8 VCT | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Automatic Gearbox | √ | √ | √ | √ | | 1.Reset adaptions | |
| | ABS | √ | √ | √ | √ | √ | 1.ABS Modulator Bleed Process | |
| | SRS | √ | √ | √ | | | | |
| | Digital Instrument Pack | √ | √ | √ | √ | √ | 1.Set Odometer Offset 2.Service Interval Reset 3.Instrument Pack Self Test | |
| | Body Control Module | √ | √ | √ | √ | √ | 1.Set power mode | |
| | Electric Windows | | √ | √ | √ | √ | | |
| | Central Locking | | √ | √ | √ | √ | | |
| | Wipers and Washers | | √ | √ | √ | √ | | |
| | Interior and Exterior Lights | | √ | √ | √ | √ | | |

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| Vehicle | Systems | Functions | | | | | | |
|--------------------------------|---------------------------------|------------|-----------|------------|-------------|-----------|---|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Security and Immobilisation | | √ | √ | √ | | | |
| | Navigation System | √ | √ | √ | | √ | 1.Colour Screen Self Test | |
| | HEVAC | √ | √ | √ | √ | √ | | |
| | ESCL | √ | √ | √ | √ | | | |
| | ICE | | √ | √ | | | | |
| | Park Distance Control | √ | √ | √ | √ | √ | | |
| | Rain Sensor | √ | √ | √ | √ | √ | | |
| Electronic Temperature Control | √ | √ | √ | √ | | | | |
| MG7(2007) | Engine Management System (MEMS) | √ | √ | √ | √ | √ | 1.Set Idle Speed Offset 2.Immobilizer synchronization 3.Set ignition offset | |
| | SRS | √ | √ | √ | | | 1.Activate / disable collision detection | |
| | Instrument Pack | √ | √ | √ | √ | √ | 1.Service Interval Reset | |
| | Electric Windows | √ | √ | √ | √ | √ | | |
| | Wipers and Washers | √ | √ | √ | √ | √ | | |
| | Climate Control | √ | √ | √ | √ | √ | | |
| | Rain Sensor | √ | √ | √ | √ | | | |
| | Exterior Lights | √ | √ | √ | √ | √ | | |
| | Memory Seats | √ | √ | √ | √ | √ | | |
| Sunroof | √ | √ | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|-----------|-------------------------|------------|-----------|------------|-------------|-----------|--|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Manual Air Conditioning | √ | √ | √ | √ | | | |
| | Heated Rear Window | √ | √ | √ | √ | | | |
| | Interior Lights | √ | √ | √ | √ | √ | | |
| | Security | √ | √ | √ | √ | √ | | |
| MG7(2008) | Engine Management 1.8T | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Engine Management KV6 | √ | √ | √ | √ | √ | | |
| | SRS | √ | √ | √ | | | 1.Activate / disable collision detection | |
| | Instrument Pack | √ | √ | √ | √ | √ | 1.Service Interval Reset | |
| | Electric Windows | √ | √ | √ | √ | √ | | |
| | Wipers and Washers | √ | √ | √ | √ | √ | | |
| | Climate Control | √ | √ | √ | √ | √ | | |
| | Rain Sensor | √ | √ | √ | √ | | | |
| | Exterior Lights | √ | √ | √ | √ | √ | | |
| | Memory Seats | √ | √ | √ | √ | √ | | |
| | Sunroof | √ | √ | √ | √ | √ | | |
| | Manual Air Conditioning | √ | √ | √ | √ | | | |
| | Heated Rear Window | √ | √ | √ | √ | | | |
| | Interior Lights | √ | √ | √ | √ | √ | | |
| Security | √ | √ | √ | √ | √ | | | |
| | Engine Management 1.8T | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Engine Management KV6 | √ | √ | √ | √ | √ | | |
| | Automatic Gearbox | √ | √ | √ | √ | | 1.Reset adaptions | |

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| Vehicle | Systems | Functions | | | | | | |
|-----------------|-------------------------|------------|-----------|------------|-------------|-----------|---|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| MG7(2009) | ABS | √ | √ | √ | √ | √ | 1.Brake deflation procedures 2.Car Brake deflation | |
| | SRS | √ | √ | √ | | | 1.Activate / disable collision detection | |
| MG7-L | Engine Management KV6 | √ | √ | √ | √ | √ | | |
| | Automatic Gearbox | √ | √ | √ | √ | | 1.Reset adaption | |
| | ABS | √ | √ | √ | √ | √ | 1.Brake deflation procedures 2.Car Brake deflation | |
| | SRS | √ | √ | √ | | | 1.Activate / disable collision detection | |
| | Instrument Pack | √ | √ | √ | √ | √ | 1.Service Interval Reset | |
| | Electric Windows | √ | √ | √ | √ | √ | | |
| | Wipers and Washers | √ | √ | √ | √ | √ | | |
| | Climate Control | √ | √ | √ | √ | √ | | |
| | Rain Sensor | √ | √ | √ | √ | | | |
| | Exterior Lights | √ | √ | √ | √ | √ | | |
| | Memory Seats | √ | √ | √ | √ | √ | | |
| | Sunroof | √ | √ | √ | √ | √ | | |
| | Manual Air Conditioning | √ | √ | √ | √ | | | |
| | Heated Rear Window | √ | √ | √ | √ | | | |
| Interior Lights | √ | √ | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|---------|-----------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Security | √ | √ | √ | √ | √ | | |
| | GIM | | √ | √ | √ | √ | | |
| MG TF | Petrol Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | K SERIES 1.8 CVT AUTO | √ | √ | √ | √ | | | |
| | Diesel DDE model 1 | √ | √ | √ | √ | | | |
| | Diesel DDE model 2 | √ | √ | √ | √ | √ | | |
| | Auto gear Box | √ | √ | √ | √ | | | |
| | ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| | SCU Security | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |
| | Windows | √ | | | √ | √ | | |
| | Wash wipe | √ | | | √ | √ | | |
| | EPAS | | √ | √ | √ | | | |
| MG ZR | Petrol Mems3 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel Engine | √ | √ | √ | √ | √ | | |
| | ABS | √ | √ | √ | | | | |
| | MRS3 SRS | √ | √ | √ | | | | |
| | ACU3 SRS | √ | √ | √ | | | | |
| | SCU Security | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |
| | Windows | √ | | | √ | √ | | |
| | Wash wipe | √ | | | √ | √ | | |

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| Vehicle | Systems | Functions | | | | | | |
|---------------|------------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| MG ZS | Petrol Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 1 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 2 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel EDC15M | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 1 | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 2 | √ | √ | √ | √ | | | |
| | ABS | √ | √ | √ | | | | |
| | MRS3 SRS | √ | √ | √ | | | | |
| | ACU3 SRS | √ | √ | √ | | | | |
| | SCU Security | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |
| | Windows | √ | | | √ | √ | | |
| | Wash wipe | √ | | | √ | √ | | |
| MGF (95-2000) | Mems 1.9 K Series | | √ | √ | √ | | 1.ECM Options | |
| | Mems3 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| | EPAS | | √ | √ | √ | | | |
| MGF (2001) | Mems 1.9 K Series | | √ | √ | √ | | 1.ECM Options | |
| | Petrol Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| | EPAS | | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|-----------|------------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| ROVER 25 | Petrol Mems3 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel Engine | √ | √ | √ | √ | √ | | |
| | ABS | √ | √ | √ | | | | |
| | MRS3 SRS | √ | √ | √ | | | | |
| | ACU3 SRS | √ | √ | √ | | | | |
| | SCU Security | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |
| | Windows | √ | | | √ | √ | | |
| Wash wipe | √ | | | √ | √ | | | |
| ROVER 45 | Petrol Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 1 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 2 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel EDC15M | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 1 | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 2 | √ | √ | √ | √ | | | |
| | ABS | √ | √ | √ | | | | |
| | MRS3 SRS | √ | √ | √ | | | | |
| | ACU3 SRS | √ | √ | √ | | | | |
| | SCU Security | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |
| | Windows | √ | | | √ | √ | | |
| | Wash wipe | √ | | | √ | √ | | |

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| Vehicle | Systems | Functions | | | | | | |
|------------|-----------------------|------------|-----------|------------|-------------|-----------|--|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Fuel burning heater | √ | √ | √ | √ | √ | | |
| | PARKING AID | √ | √ | √ | √ | | | |
| | Rain sensor | √ | √ | √ | √ | | | |
| CITY ROVER | JCAI EMS Engine | √ | √ | √ | √ | | 1.MIL Data 2.Oxygen Sensor Location | |
| | ABS | | √ | √ | | | | |
| | SRS | √ | √ | √ | √ | | | |
| CDV | Petrol Mems3 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel EDC15M | √ | √ | √ | √ | √ | | |
| | ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| ROVER 100 | MEMS 1.6 TBI | | √ | √ | √ | | | |
| | MEMS 1.6 MPI | | √ | √ | √ | | | |
| | MEMS 1.9 96.5 MY | | √ | √ | √ | | 1.ECM Options | |
| ROVER 200 | Petrol K SERIES VI | | √ | √ | √ | | | |
| | Petrol MEMS 1.6 KMPI | | √ | √ | √ | | | |
| | MEMS 1.6 KTBI | | √ | √ | √ | | | |
| | MEMS 1.6 T-SERIES | | √ | √ | √ | | | |
| | MEMS 1.9 K MPI | | √ | √ | √ | | 1.ECM Options | |
| | BOSCH ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| | K SERIES VI | | √ | √ | √ | | | |
| | Diesel L Series Bosch | √ | √ | √ | √ | | | |

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| Vehicle | Systems | Functions | | | | | | |
|------------------|-----------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| NEW ROVER 200 | MEMS 1.9 K MPI | | √ | √ | √ | | 1.ECM Options | |
| | Bosch ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| NEW ROVER 400 | Diesel L Series Bosch | √ | √ | √ | √ | | | |
| | MEMS 1.9 K MPI | | √ | √ | √ | | 1.ECM Options | |
| | MEMS 1.9 T Series | | √ | √ | √ | | 1.ECM Options | |
| | Bosch ABS | √ | √ | √ | | | | |
| ROVER 600 | MEMS 1.9 T SERIES | | √ | √ | √ | | 1.ECM Options | |
| | ABS 5.3 | √ | √ | √ | | | | |
| | ABS 5.0 | √ | √ | √ | | | | |
| ROVER 800 | VM Diesel | √ | √ | √ | √ | | | |
| | MEMS 1.9 96MY | | √ | √ | √ | | 1.ECM Options | |
| | Auto gear Box model 1 | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 2 | √ | √ | √ | √ | | | |
| | Bosch ABS | √ | √ | √ | | | | |
| METRO | MEMS 1.6 TBI | | √ | √ | √ | | | |
| | MEMS 1.6 MPI | | √ | √ | √ | | | |
| | MEMS 1.9 96.5 MY | | √ | √ | √ | | 1.ECM Options | |
| Rover Streetwise | PETROL Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | ABS | √ | √ | √ | | | | |
| | SRS | √ | √ | √ | | | | |
| | SECURITY | √ | | | √ | | 1.EKA display | |
| | Lights | √ | | | √ | √ | | |

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| Vehicle | Systems | Functions | | | | | | |
|------------------|--------------------------|------------|-----------|------------|-------------|-----------|--------------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | Windows | √ | | | √ | √ | | |
| | Wash wipe | √ | | | √ | √ | | |
| MG ZT/ZTT | Petrol Engine | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 1 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Petrol EMS2000 model 2 | √ | √ | √ | √ | √ | 1.Reset adaptions | |
| | Diesel DDE4.0 model 1 | √ | √ | √ | √ | | | |
| | Diesel DDE model 2 | √ | √ | √ | √ | √ | | |
| | Diesel Engine | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 1 | √ | √ | √ | √ | √ | | |
| | Auto gear Box model 2 | √ | √ | √ | √ | | | |
| | ABS | √ | √ | √ | √ | | | |
| | MG ZT/ZTT SRS | √ | √ | √ | | | | |
| | ROVER 25 SRS | √ | √ | √ | | | | |
| | SECURITY | √ | √ | √ | √ | √ | | |
| | Interior Lights | √ | | | √ | √ | | |
| | Wash Wipe | √ | √ | √ | √ | √ | | |
| | Exterior Lights | √ | √ | √ | √ | √ | | |
| | Immobilizer | √ | √ | √ | √ | | | |
| | Air Conditioning model 1 | √ | √ | √ | √ | √ | | |
| | Air Conditioning model 2 | √ | √ | √ | √ | √ | | |
| | Heated Screen | √ | √ | √ | √ | √ | | |
| | Instrument Pack | √ | √ | √ | √ | √ | 1.Service Interval Reset | |
| Electric windows | √ | √ | √ | √ | √ | | | |

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|---------|-------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
| | | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| | PARKING AID | √ | √ | √ | √ | | | |
| | Rain sensor | √ | √ | √ | √ | | | |

(*):Tested;

(?):Manual on website(www.x431.com)

Note: The final interpretation of the products belongs to LAUNCH TECH CO.,LTD.

