

## Rover **V20.05** Diagnostics List (Note:For reference only)

| Vehicle  | Systems                        | Functions  |           |            |             |           |                   |        |
|----------|--------------------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
|          |                                | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| Rover550 | Engine Management 1.8T         |            | √         | √          | √           |           |                   |        |
|          | Engine Control Module 1.8 VCT  |            | √         | √          | √           |           |                   |        |
|          | Automatic Gearbox              |            | √         | √          | √           |           |                   |        |
|          | ABS                            |            | √         | √          | √           |           |                   |        |
|          | SRS                            |            | √         | √          |             |           |                   |        |
|          | Digital Instrument Pack        |            | √         | √          | √           |           |                   |        |
|          | Body Control Module            |            | √         | √          | √           |           |                   |        |
|          | Electric Windows               |            | √         | √          | √           |           |                   |        |
|          | Central Locking                |            | √         | √          | √           |           |                   |        |
|          | Wipers and Washers             |            | √         | √          | √           |           |                   |        |
|          | Interior and Exterior Lights   |            | √         | √          | √           |           |                   |        |
|          | Security and Immobilisation    |            | √         | √          | √           |           |                   |        |
|          | Navigation System              |            | √         | √          |             |           |                   |        |
|          | HEVAC                          |            | √         | √          | √           |           |                   |        |
|          | ESCL                           |            | √         | √          | √           |           |                   |        |
|          | ICE                            |            | √         | √          |             |           |                   |        |
|          | Park Distance Control          |            | √         | √          | √           |           |                   |        |
|          | Rain Sensor                    |            | √         | √          | √           |           |                   |        |
|          | Electronic Temperature Control |            | √         | √          | √           |           |                   |        |
|          | Engine Management 1.8T         |            | √         | √          | √           |           |                   |        |
|          | Engine Management KV6          |            | √         | √          | √           |           |                   |        |
|          | Automatic Gearbox              |            | √         | √          | √           |           |                   |        |
|          | ABS                            |            | √         | √          | √           |           |                   |        |
|          | SRS                            |            | √         | √          |             |           |                   |        |
|          | Instrument Pack                |            | √         | √          | √           |           |                   |        |

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|          |                         | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| Rover750 | Electric Windows        |            | √         | √          | √           |           |                   |        |
|          | Wipers and Washers      |            | √         | √          | √           |           |                   |        |
|          | Climate Control         |            | √         | √          | √           |           |                   |        |
|          | Rain Sensor             |            | √         | √          | √           |           |                   |        |
|          | Exterior Lights         |            | √         | √          | √           |           |                   |        |
|          | Memory Seats            |            | √         | √          | √           |           |                   |        |
|          | Sunroof                 |            | √         | √          | √           |           |                   |        |
|          | Manual Air Conditioning |            | √         | √          | √           |           |                   |        |
|          | Heated Rear Window      |            | √         | √          | √           |           |                   |        |
|          | Interior Lights         |            | √         | √          | √           |           |                   |        |
|          | Security                |            | √         | √          | √           |           |                   |        |
|          | GIM                     |            | √         | √          | √           |           |                   |        |
| MG TF    | Petrol Engine           | √          | √         | √          | √           | √         | 1.Reset adaption  |        |
|          | 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                    |            | √         | √          | √           |           |                   |        |
|          | Petrol Mems3            | √          | √         | √          | √           | √         | 1.Reset adaption  |        |
|          | Diesel Engine           | √          | √         | √          | √           | √         |                   |        |
|          | ABS                     | √          | √         | √          |             |           |                   |        |
|          | MRS3 SRS                | √          | √         | √          |             |           |                   |        |

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|---------------|------------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
|               |                        | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| MG ZR         | ACU3 SRS               | √          | √         | √          |             |           |                   |        |
|               | SCU Security           | √          |           |            | √           |           | 1.EKA display     |        |
|               | Lights                 | √          |           |            | √           | √         |                   |        |
|               | Windows                | √          |           |            | √           | √         |                   |        |
|               | Wash wipe              | √          |           |            | √           | √         |                   |        |
| 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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|----------|------------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
|          |                        | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| ROVER 25 | Petrol Mems3           | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Diesel Engine          | √          | √         | √          | √           | √         |                   |        |
|          | ABS                    | √          | √         | √          |             |           |                   |        |
|          | MRS3 SRS               | √          | √         | √          |             |           |                   |        |
|          | ACU3 SRS               | √          | √         | √          |             |           |                   |        |
|          | SCU Security           | √          |           |            | √           |           | 1.EKA display     |        |
|          | Lights                 | √          |           |            | √           | √         |                   |        |
|          | Windows                | √          |           |            | √           | √         |                   |        |
|          | Wash wipe              | √          |           |            | √           | √         |                   |        |
|          |                        |            |           |            |             |           |                   |        |
| ROVER 45 | Petrol Engine          | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Petrol EMS2000 model 1 | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Petrol EMS2000 model 2 | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | 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              | √          |           |            | √           | √         |                   |        |
|          |                        |            |           |            |             |           |                   |        |
|          |                        |            |           |            |             |           |                   |        |
|          |                        |            |           |            |             |           |                   |        |
|          | Petrol Mem3            | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Petrol EMS2000 model 1 | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Petrol EMS2000 model 2 | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|          | Diesel DDE4.0 model 1  | √          | √         | √          | √           |           |                   |        |
|          | Diesel DDE model 2     | √          | √         | √          | √           | √         |                   |        |
|          | Diesel Engine          | √          | √         | √          | √           | √         |                   |        |

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| Vehicle    | Systems                  | Functions  |           |            |             |           |                          |                                        |
|------------|--------------------------|------------|-----------|------------|-------------|-----------|--------------------------|----------------------------------------|
|            |                          | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions        | Others                                 |
| ROVER 75   | Auto gear Box model 1    | √          | √         | √          | √           | √         |                          |                                        |
|            | Auto gear Box model 2    | √          | √         | √          | √           |           |                          |                                        |
|            | ABS                      | √          | √         | √          | √           |           |                          |                                        |
|            | MG ZT/ZTT SRS            | √          | √         | √          |             |           |                          |                                        |
|            | ROVER 75 SRS             | √          | √         | √          |             |           |                          |                                        |
|            | MRS3 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         | √          | √         | √          | √           | √         |                          |                                        |
|            | Fuel burning heater      | √          | √         | √          | √           | √         |                          |                                        |
|            | PARKING AID              | √          | √         | √          | √           |           |                          |                                        |
|            | Rain sensor              | √          | √         | √          | √           |           |                          |                                        |
| CITY ROVER | JCAI EMS Engine          | √          | √         | √          | √           |           |                          | 1.MIL Data<br>2.Oxygen Sensor Location |
|            | ABS                      |            | √         | √          |             |           |                          |                                        |
|            | SRS                      | √          | √         | √          | √           |           |                          |                                        |
| CDV        | Petrol Mems3             | √          | √         | √          | √           | √         | 1.Reset adaptions        |                                        |
|            | Diesel EDC15M            | √          | √         | √          | √           | √         |                          |                                        |
|            | ABS                      | √          | √         | √          |             |           |                          |                                        |

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|---------------|-----------------------|------------|-----------|------------|-------------|-----------|-------------------|--------|
|               |                       | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
|               | 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                   | √          | √         | √          |             |           |                   |        |
| NEW ROVER 200 | K SERIES VI           |            | √         | √          | √           |           |                   |        |
|               | Diesel L Series Bosch | √          | √         | √          | √           |           |                   |        |
|               | 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             | √          | √         | √          |             |           |                   |        |

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|                  |                          | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions | Others |
| METRO            | MEMS 1.6 TBI             |            | √         | √          | √           |           |                   |        |
|                  | MEMS 1.6 MPI             |            | √         | √          | √           |           |                   |        |
|                  | MEMS 1.9 96.5 MY         |            | √         | √          | √           |           | 1.ECM Options     |        |
| Rover Streetwise | PETROL Engine            | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|                  | ABS                      | √          | √         | √          |             |           |                   |        |
|                  | SRS                      | √          | √         | √          |             |           |                   |        |
|                  | SECURITY                 | √          |           |            | √           |           | 1.EKA display     |        |
|                  | Lights                   | √          |           |            | √           | √         |                   |        |
|                  | Windows                  | √          |           |            | √           | √         |                   |        |
|                  | Wash wipe                | √          |           |            | √           | √         |                   |        |
| MG ZT/ZTT        | Petrol Engine            | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|                  | Petrol EMS2000 model 1   | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|                  | Petrol EMS2000 model 2   | √          | √         | √          | √           | √         | 1.Reset adoptions |        |
|                  | 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 | √          | √         | √          | √           | √         |                   |        |

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|         |                  | Sys. Info. | Read code | Clear code | Data stream | Actuation | Special functions        | Others |
|         | Heated Screen    | √          | √         | √          | √           | √         |                          |        |
|         | Instrument Pack  | √          | √         | √          | √           | √         | 1.Service Interval Reset |        |
|         | Electric windows | √          | √         | √          | √           | √         |                          |        |
|         | PARKING AID      | √          | √         | √          | √           |           |                          |        |
|         | Rain sensor      | √          | √         | √          | √           |           |                          |        |

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

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

| CONNECTOR        | X431                                 | DIAGUN                               |
|------------------|--------------------------------------|--------------------------------------|
| SMART OBD        | It is fit for all vehicles of ROVER. | N/A                                  |
| OBD 16C          | It is fit for all vehicles of ROVER. | N/A                                  |
| CANBUS II        | It is fit for all vehicles of ROVER. | N/A                                  |
| diagun connector | N/A                                  | It is fit for all vehicles of ROVER. |
| SUPER 16         | It is fit for all vehicles of ROVER. | N/A                                  |