

## INDIAN TATA **V13.70** Diagnostics List (Note:For reference only)

| Vehicle | System                        | Functions  |           |            |             |           |   | Others                  |
|---------|-------------------------------|------------|-----------|------------|-------------|-----------|---|-------------------------|
|         |                               | Sys. Info. | Read Data | Clear Data | Data stream | Actuation | Special Function                                |                         |
| INDICA  | OLD ENGINE                    |            | ✓         | ✓          | ✓           | ✓         |   |                         |
|         | EMS MPFI                      | ✓          | ✓         | ✓          | ✓           | ✓         |   | 1.Read freezeframe data |
|         | DIESEL ENGINE                 | ✓          | ✓         | ✓          | ✓           | ✓         | 1.After sale data                               |                         |
|         | EMS CRDI                      | ✓          | ✓         | ✓          | ✓           | ✓         | 1.LEAK DETECTION TEST(*)<br>2.REPLACE SYSTEM(*) |                         |
|         | ENGINE system(DICOR)          | ✓          | ✓         | ✓          | ✓           | ✓         | 1.LEAK DETECTION TEST(*)<br>2.REPLACE SYSTEM(*) |                         |
|         | BCM                           | ✓          | ✓         | ✓          | ✓           | ✓         | 1.WRITE VIN DATA(*)<br>2.WRITE VC NUMBER(*)     |                         |
| INDIGO  | OLD ENGINE                    |            | ✓         | ✓          | ✓           | ✓         |   |                         |
|         | EMS MPFI                      | ✓          | ✓         | ✓          | ✓           | ✓         |   | 1.Read freezeframe data |
|         | EMS MPFI MARINA               | ✓          | ✓         | ✓          | ✓           | ✓         |   | 1.Read freezeframe data |
|         | DIESEL ENGINE                 | ✓          | ✓         | ✓          | ✓           | ✓         | 1.After sale data                               |                         |
|         | Engine system(Indigo cs MPFI) | ✓          | ✓         | ✓          | ✓           | ✓         | 1.ECU reset<br>2.Write Data                     | 1.Read freezeframe data |
|         | BCM                           | ✓          | ✓         | ✓          | ✓           | ✓         | 1.WRITE VIN DATA(*)<br>2.WRITE VC NUMBER(*)     |                         |

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|         |                      | Sys. Info. | Lead D | lear D | Data stream | ctuation | Special Function                                 |        |
| SAFARI  | EMS MPFI MARINA      | ✓          | ✓      | ✓      | ✓           | ✓        |  |        |
|         | EMS CRDI             | ✓          | ✓      | ✓      | ✓           | ✓        | 1.LEAK DETECTION TEST(*)<br>2.REPLACE SYSTEM(*)  |        |
|         | ENGINE system(DICOR) | ✓          | ✓      | ✓      | ✓           | ✓        | 1.LEAK DETECTION TEST(*)<br>2.REPLACE SYSTEM(*)  |        |
|         | SRS                  |            | ✓      | ✓      |             |          |  |        |
|         | SRS2                 | ✓          | ✓      | ✓      |             |          | 1.WRITE VIN DATA(*)                              |        |
|         | BCM                  | ✓          | ✓      | ✓      | ✓           | ✓        | 1.WRITE VIN DATA(*)<br>2.WRITE VC NUMBER(*)      |        |
| X1      | IMMOBILISER          | ✓          | ✓      | ✓      |             |          | 1.LOCKING KEY ROUTINES(*)<br>2.WRITE VIN DATA(*) |        |
|         | BCM                  | ✓          | ✓      | ✓      | ✓           | ✓        | 1.WRITE VIN DATA(*)<br>2.WRITE VC NUMBER(*)      |        |
| SDE     | SDE DIESEL           |            | ✓      | ✓      |             | ✓        | 1.ECU RESET(*)                                   |        |
|         | IMMOBILISER          | ✓          | ✓      | ✓      |             |          | 1.LOCKING KEY ROUTINES(*)<br>2.WRITE VIN DATA(*) |        |
|         | BCM                  | ✓          | ✓      | ✓      | ✓           | ✓        | 1.WRITE VIN DATA(*)<br>2.WRITE VC NUMBER(*)      |        |

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|              |                           | Sys. Info. | Read Data | Clear Data | Data stream | Actuation | Special Function                                       | Others                   |
| VISTA        | Engine system(Quadrajjet) | ✓          | ✓         | ✓          | ✓           | ✓         | 1.Reset self learned function<br>2.I2C<br>3.correction |                          |
|              | ABS                       | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |
|              | SRS                       | ✓          | ✓         | ✓          | ✓           |           |  |                          |
|              | BCM                       | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |
| INDICA MANZA | Engine system(Quadrajjet) | ✓          | ✓         | ✓          | ✓           | ✓         | 1.Reset self learned function<br>2.I2C<br>3.correction |                          |
|              | ABS                       | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |
|              | SRS                       | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |
|              | BCM                       | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |
| NANO         | Engine system             | ✓          | ✓         | ✓          | ✓           | ✓         | 1.ECU reset  | 1.Read freeze frame data |
| NEW INDICA   | Engine CRDI 1.4           | ✓          | ✓         | ✓          | ✓           | ✓         | 1.LEAK DETECTION TEST(*)<br>2.REPLACE SYSTEM(*)        |                          |
|              | Engine system(Quadrajjet) | ✓          | ✓         | ✓          | ✓           | ✓         | 1.Reset self learned function<br>2.I2C<br>3.correction |                          |
|              | BCM Euro III-IV           | ✓          | ✓         | ✓          | ✓           | ✓         |  |                          |

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|                          |                   | Sys. Info. | Lead D | lear D | Data stream | ctuation | Special Function                                 | Others |
|                          | New Indica Airbag | ✓          | ✓      | ✓      | ✓           | ✓        |  |        |
|                          | IMMOBILISER       | ✓          | ✓      | ✓      |             |          | 1.LOCKING KEY ROUTINES(*)<br>2.WRITE VIN DATA(*) |        |
|                          | ABS               | ✓          | ✓      | ✓      | ✓           | ✓        |  |        |
| <b>EMS MPFI PETROL</b>   | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>EMS MPFI LPG</b>      | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>DRID/DICOR</b>        | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>EMS(DPCN)</b>         | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>INDIGO ECS CR4</b>    | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>ISTA/MASZA DIESEL</b> | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>ISTA/MASZA PETROL</b> | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>XENON</b>             | Engine system     |            | ✓      | ✓      | ✓           |          |  |        |
| <b>TML Nano PETROL</b>   | <b>EMS</b>        | ✓          | ✓      | ✓      | ✓           | ✓        | 1. ECU reset<br>2. Write ECU                     |        |
|                          | <b>EPAS</b>       | ✓          | ✓      | ✓      | ✓           |          | 1. Routine<br>2. Write ECU                       |        |
|                          | <b>IPC</b>        | ✓          | ✓      | ✓      | ✓           |          | 1. Routine<br>2. Write ECU                       |        |
|                          | <b>EMS</b>        | ✓          | ✓      | ✓      | ✓           | ✓        | 1. ECU reset<br>2. Write ECU                     |        |

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|-------------------|--------|------------|--------|--------|-------------|----------|--|------------------------------|--------|
|                   |        | Sys. Info. | Lead D | lear D | Data stream | ctuation |  |                              |        |
| TML Nano PETROLOB | EPAS   | ✓          | ✓      | ✓      | ✓           |          |  | 1. Routine<br>2. Write ECU   |        |
|                   | IPC    | ✓          | ✓      | ✓      | ✓           |          |  | 1. Routine<br>2. Write ECU   |        |
| TML Nano CNG      | EMS    | ✓          | ✓      | ✓      | ✓           | ✓        |  | 1. ECU reset<br>2. Write ECU |        |
|                   | EPAS   | ✓          | ✓      | ✓      | ✓           |          |  | 1. Routine<br>2. Write ECU   |        |
|                   | IPC    | ✓          | ✓      | ✓      | ✓           |          |  | 1. Routine<br>2. Write ECU   |        |

(\*):Tested;

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

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