STEELMAN™

Est. 1986

RT-4000 PRO

97019

OPERATOR'S MANUAL

TABLE OF CONTENTS

SAVE THIS MANUAL

Reference this manual for all safety warnings and precautions, operating and maintenance procedures, parts list and diagrams. Keep your invoice with this manual and write your invoice number on the inside of the front cover. Keep the manual and invoice in a safe, dry place for future reference.

⚠ **WARNING:** Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as "danger", "warning", and "caution" before using this tool.

SAFETY INSTRUCTIONS

NOTE

Please heed the following safety warnings and precautions:

To prevent personal injury, vehicle damage and/or TR-4000 PRO malfunction, please read safety precautions and warnings before working on vehicle.

1. Always perform automotive testing in a safe environment.

2. Wear eye protection that meets ANSI standards.

3. Keep clothing, hair, hands, tools, test equipment, etc., away from all moving or hot engine parts.

4. Operate vehicle in a well ventilated work area. Exhaust gases are toxic.

5. Use blocks on drive wheels and never leave vehicle unattended while running tests.

6. Use extreme caution when working on the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.

7. Put transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.

8. Keep a fire extinguisher suitable for gasoline/chemical/ electrical fires nearby.

9. Do not connect, or disconnect, any test equipment while ignition is on or the engine is running.

10. Keep RT-4000 PRO dry and clean. Keep away from oil, water, and grease. Use a mild detergent with a clean cloth when cleaning the outside of the tool.

11. Controller keypad is not waterproof, keep dry and free from liquids.

GETTING STARTED

1. Properly attach OBDII Cable to the device.

2. Make sure the ignition is in the OFF position.

3. Locate the vehicle's OBDII (DLC) connector.

4. Connect the OBDII connector cable to the vehicle.

Note: The tool gets power from vehicle and will turn on automatically.

5. Turn the ignition "ON" engine "OFF".

6. Follow the on-screen procedures to select make, model, year. (MMY)

7. For automatic reset, select automatic reset and follow the prompts to select the desired. reset functions.

8. For manual reset, select manual reset and follow the on-screen relearn procedures.

Note: All instructions and illustrations are general and are NOT INTENDED TO BE VEHICLE SPECIFIC. OEM recommends that you read the repair manual designated for the vehicle, specific to the application by the manufacturer, before using this tool.

ITEMS INCLUDED IN THE PACKAGE

a) Blow Molded Carring Case

b) Main Device

c) OBDII Cable

d) Mini USB Cable

e) USB Adapter

MAIN CABLE INTERFACE

STEELMAN

SCREEN

F1
UP
LEFT
F2
RIGHT
DOWN

ENTER

ESC

USB INTERFACE

SD CARD SLOT

RT-4000 PRO MAIN MENU

When turning the device on, main screen will have all the options as seen in the figure below.

```
        RT-4000PRO

  >VEHICLES
   OPTION
   ABOUT
   SELFTEST

[ENT][ESC]   ▼          [1/4]
```
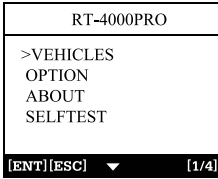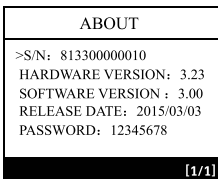
1. Vehicle – Will guide you through the service features: Battery Test, Oil Reset System, OBDII Code Reader, and Electronic Parking Brake (EPB).

```
         OPTION

  >LANGUAGE
   CONTRAST
   METRIC/ INCH
   DATA LOGGING

[ENT][ESC]  ▼▲         [1/1]
```
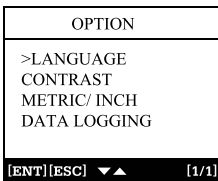
2. Option – Will provide you with all settings in the tool: Language, Contrast of the Display, Metric/Inch Settings, and Data Logging.

   a) Language: Chinese, English, Portuguese, Russian and Spanish.
   b) Data Logging: Turn Data Logging "ON" to record, then email the recording to STEELMAN™ for customer service.

3. About – Will provide you with system information, product serial number, hardware version, release date, and password.

```
         ABOUT

  >S/N：813300000010
   HARDWARE VERSION：3.23
   SOFTWARE VERSION： 3.00
   RELEASE DATE：2015/03/03
   PASSWORD：12345678

                       [1/1]
```
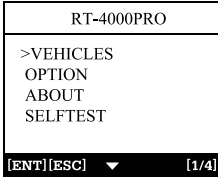
4. Self-Test - Device self-testing includes: Screen Display Testing, Keyboard Testing, and Hardware Self-Testing. Pushing any button, should display it on the screen. If it fails to display on the screen, please call STEELMAN™ technical support for assistance.
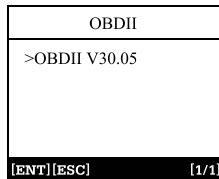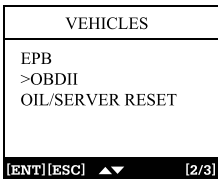
DIAGNOSTIC TROUBLESHOOTING CODES (DTC)

Retrieve: DIAGNOSTIC TROUBLESHOOTING CODES (DTC)

1. Connect OBDII cable to the device and then to the DLC connector of the vehicle.

2. When device turns "ON", select "Vehicle"

```
        RT-4000PRO

 >VEHICLES
  OPTION
  ABOUT
  SELFTEST

[ENT][ESC]    ▼        [1/4]
```

3. Select "OBDII" and then select OBDII V30.05

```
      VEHICLES                        OBDII

 EPB                          >OBDII V30.05
 >OBDII
 OIL/SERVER RESET


[ENT][ESC]  ▲▼    [2/3]    [ENT][ESC]          [1/1]
```

4. The device will provide "AUTO SCAN" and the OBDII protocols individually.

```
     OBDII V30.05

 >AUTO SCAN
  SAE J1850 PWM
  SAE J1850 VPW
  ISO 14230-4
  ISO 9141-2
  ISO 15765-4
  Help

[ENT][ESC]    ▼        [1/7]
```

5. Select "AUTO SCAN" and the tool will automatically scan the vehicle for OBDII codes with the correct protocol.

6. If you already know the vehicles protocol select the correct protocol on the tool.

7. The device will search for the codes based on the protocol that you select.

NOTE: We recommend using the AUTO SCAN feature. The device will automatically select the correct protocol of the OBDII based on the MAKE, MODEL, and YEAR of the vehicle.

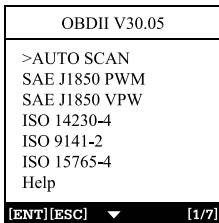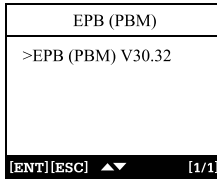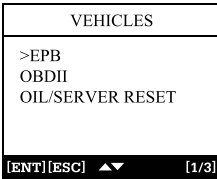# ELECTRIC PARKING BRAKE SERVICE (EPB)

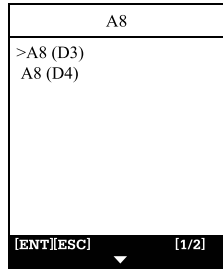Perform: ELECTRIC PARKING BRAKE SERVICE (EPB)
1. Connect OBDII cable to the device and then to the DLC connector of the vehicle.

2. When device turns on, select "VEHICLE"

```
        RT-4000PRO

 >VEHICLES
  OPTION
  ABOUT
  SELFTEST

[ENT]        ▼          [1/4]
```
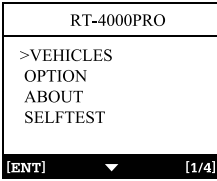
3. Select "EPB" then "EPB V30.32"

```
      VEHICLES              |         EPB (PBM)

 >EPB                       |    >EPB (PBM) V30.32
  OBDII                     |
  OIL/SERVER RESET          |
                            |
                            |
[ENT][ESC] ▲▼     [1/3]     | [ENT][ESC] ▲▼       [1/1]
```

4. Select Make, Model & Model Type

```
   EPB (PBM) V30.32         |      AUDI (EPB)           |           A8

 >AUDI (EPB)                |   >A8                     |    >A8 (D3)
  BEATURN (EPB)             |    Other model            |     A8 (D4)
  BENTLEY (EPB)             |                           |
  BENZ (SBC/EPB)            |                           |
  BMW (EMF)                 |                           |
  BUGATTI (EPB)             |                           |
  BYD (EPB)                 |                           |
  CHANGAN (EPB)             |                           |
  CHERY (EPB)               |                           |
[ENT][ESC]        [1/44]    | [ENT]             [1/2]   | [ENT][ESC]          [1/2]
          ▼▶                |            ▼              |            ▼
```

5. Read instructions on the display of the device

```
      INFORMATION

 Insert key and Turn the
 ignition switch, do not
 start the vehicle. While
 releasing the handbrake!
 OK to continue.
[ENT][ESC] ▲▼     [1/1]
```

6. Press "Enter" to perform the service

```
      INFORMATION             NOTE: The device will notify you if there is

 Communication...             no communication  between the device and the vehicle.




          [1/1]
```
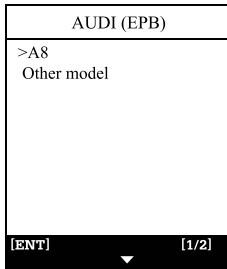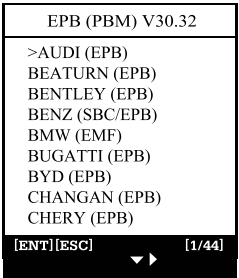
BATTERY RESET SERVICE

Perform: BATTERY RESET SERVICE

1. Connect OBDII cable to the device and then to the DLC connector of the vehicle.

2. When device turns "ON", select "VEHICLE".

```
         RT-4000PRO
  >VEHICLES
   OPTION
   ABOUT
   SELFTEST

 [ENT]        ▼         [1/4]
```
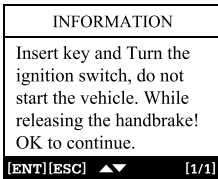
3. Select "BATTERY MATCH".

```
         VEHICLES
  >BATTERY MATCH
  EPB (PBM)
  OBDII
  OIL/SERVER RESET

 [ENT][ESC]   ▼         [1/4]
```

4. Select "Make" of the vehicle.

```
 BATTERY MATCH V30.50
  >AUDI
   VW
   SKODA
   SEAT
   BMW
   FORD
   JAGUAR
   LANDROVER
   TOYOTA
 [ENT][ESC]   ▼▶        [1/10]
```

5. Select "Battery control".

```
          AUDI
  >Battery control
  Gateway data bus



 [ENT][ESC]   ▼         [1/2]
```

6. Press "ENTER" to perform the service.

```
┌─────────────────────────┐
│      Information         │
├─────────────────────────┤
│  Communication...       │
│                         │
│                         │
│                         │
│                         │
├─────────────────────────┤
│ [ENT][ESC]  ▼    [1/1]  │
└─────────────────────────┘
```

OIL RESET LIGHT SERVICE

Perform: OIL RESET LIGHT SERVICE

1. Connect OBDII cable to the device and then to the DLC connector of the vehicle.
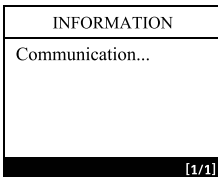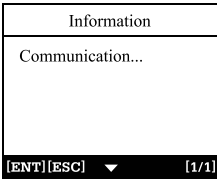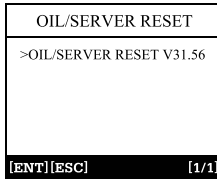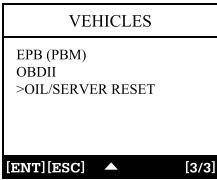
2. When device turns "ON", select "VEHICLE".

```
┌─────────────────────────┐
│       RT-400PRO         │
├─────────────────────────┤
│  >VEHICLES              │
│   OPTION               │
│   ABOUT                │
│   SELFTEST             │
│                         │
├─────────────────────────┤
│ [ENT]      ▼     [1/4]  │
└─────────────────────────┘
```
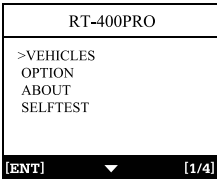
3. Select "OIL/Server Reset" and then select "OIL/Server Reset V31.56".

```
┌─────────────────────────┐    ┌─────────────────────────┐
│       VEHICLES          │    │    OIL/SERVER RESET     │
├─────────────────────────┤    ├─────────────────────────┤
│  EPB (PBM)             │    │  >OIL/SERVER RESET V31.56│
│  OBDII                 │    │                         │
│  >OIL/SERVER RESET     │    │                         │
│                         │    │                         │
│                         │    │                         │
├─────────────────────────┤    ├─────────────────────────┤
│ [ENT][ESC]  ▲    [3/3]  │    │ [ENT][ESC]       [1/1]  │
└─────────────────────────┘    └─────────────────────────┘
```

4. Select Make, Model & Year. (MMY)

Note: Some vehicles can be reset automatically and some manually. The device provides reset procedures built in the tool. (See below for more information)
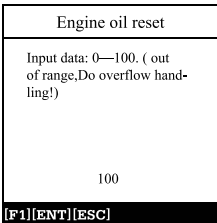
```
┌─────────────────────────┐  ┌─────────────────────────┐  ┌─────────────────────────┐
│    Engine oil reset     │  │      Information        │  │        Audi             │
├─────────────────────────┤  ├─────────────────────────┤  ├─────────────────────────┤
│ Input data: 0—100. ( out│  │ -do not start the engine│  │ >Auto reset             │
│ of range,Do overflow hand-│ │ ;                       │  │  Help                   │
│ ling!)                  │  │ 2) Press and hold the SEL/│ │  Select from vehicle    │
│                         │  │ RESET button on the steer-│ │                         │
│                         │  │ ing wheel until the engine│ │                         │
│                         │  │ oil life of the monitor;│  │                         │
│            100          │  │ 3) Hold down SELECT, and R-│ │                         │
│                         │  │ ESET button for more than│  │                         │
│                         │  │ 10 seconds, the remaining│  │                         │
├─────────────────────────┤  ├─────────────────────────┤  ├─────────────────────────┤
│ [F1][ENT][ESC]          │  │ [ENT]   ◀▲▼▶    [1/3]   │  │ [ENT]      ▼    [1/3]   │
└─────────────────────────┘  └─────────────────────────┘  └─────────────────────────┘
        Fig. A                      Fig. B                       Fig. C
```
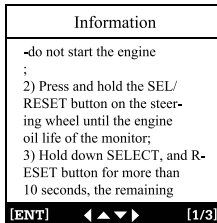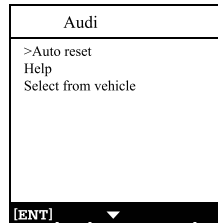
5. The device will prompt you to enter the percentage from 0-100% manually then press Enter to reset the system. (Fig. A)

6. The device will prompt you step by step on how to reset the oil light through its manufacturer settings. (Fig. B)

7. The device provides three options to reset the Oil light on Audi's and some other makes. (Fig. C)

    I. Auto Reset - will recognize the Model of the vehicle automatically and reset the oil light.

    II. Select Vehicle – gives you the option to select model manually and then press Enter to reset the OIL System.

    III. Help – provides step by step instructions on how to reset the oil system through its manufacturer settings.

NOTES

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STEELMAN™
EST. 1986

RT-4000 PRO

ONE YEAR | LIMITED WARRANTY

This STEELMAN™ product is backed by a 1 Year Limited Warranty. This warranty covers manufacturer defects and workmanship. The warranty excludes misuse or abuse and normal wear and tear. Exclusion is not allowed in some states and may not apply. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

For questions / comments, technical assistance or repair parts - Please call toll free at: 1-844-356-2142 (M-F 8am - 6pm CST)

HOW TO OBTAIN WARRANTY SUPPORT

Before sending a unit back for repair, an RMA (return materials authorization) number must be obtained and written on the outer shipping box. To get an RMA number, the customer/end user must call 844-356-2142 or submit a ticket online at www.steelmantools.com/contacts. We will ascertain if the unit needs to come in for repairs or replacement. Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to JS Products.

SAVE YOUR RECEIPTS
THIS WARRANTY IS VOID WITHOUT THEM

STEELMAN™

Est. 1986