

Installation Instructions for the D344-RT Remote Test Kit

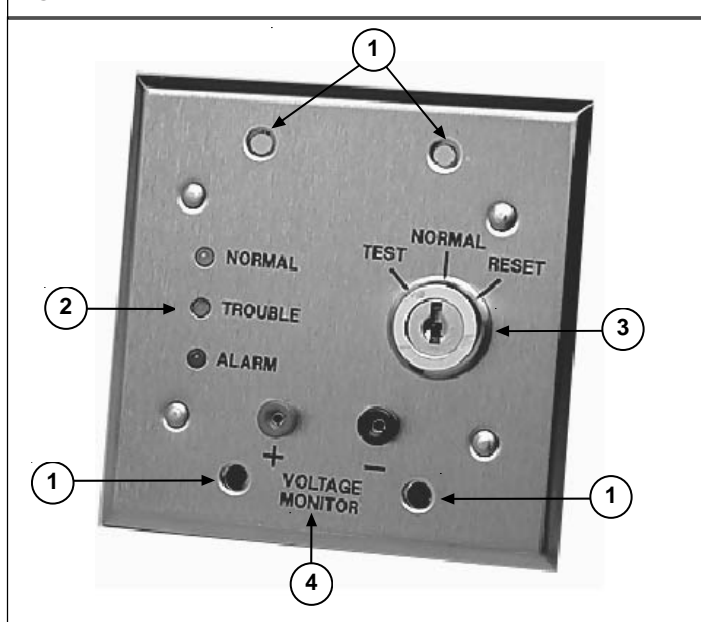
1.0 Overview

Use the D344-RT Remote Test Kit with the D340 Series Duct (D340, D341, D342, and D343) Smoke Detector Housings.

The D344-RT includes:

- Test coil with wiring harness (1)
- Mounting screws (4 for the D307 Remote Test Indicator Plate, 1 for the test coil)
- D307 Remote Test Indicator Plate (1). This plate contains LED indicators to determine the detector's status and condition. The D307 also has a keyswitch to remotely test and reset the detector, and an indicator to read and test the sensitivity voltage. Refer to *Figure 1*.

Figure 1: D307 Remote Test Indicator Plate



- 1 - Mounting holes (4)
- 2 - LED status and condition indicators
- 3 - Normal, test, and reset keyswitch
- 4 - Sensitivity voltage indicators

2.0 Installation

1. Ensure the D340 Series Housing you are using is installed according to the appropriate installation instructions:
 - *D340 Installation Instructions* (P/N: 48188)
 - *D341/D342 Installation Instructions* (P/N: 48196)
 - *D343 Installation Instructions* (P/N: 48199)
2. Ensure the detector is in proper working order.
3. Insert the test coil under the smoke detector base, rotating the coil into position as shown in *Figure 2* on page 2.
4. Using one of the mounting screws, attach the test coil to the smoke detector base (refer to *Figure 3* on page 2).
5. Install the smoke detector head.
6. Connect the wiring harness.
 - a. Attach the connector with three wires to the smaller connector from the D340 Series Power Card (refer to *Figure 4* on page 2).
 - b. Attach the connector with one wire to the connector located on the side of the detector head.
7. Connect the D307 according to the *D307 Installation Instructions* (P/N: 32071).

3.0 Specifications

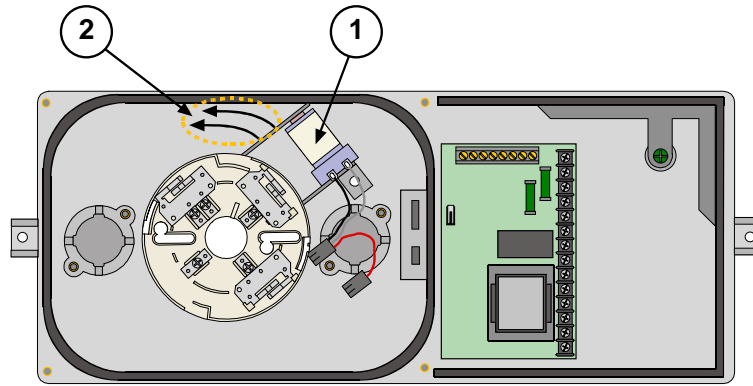
Table 1: Specifications

Table 1: Specifications	
Voltage Requirements	24 VDC
Current Draw	10 mA at 24 VDC, Standby 20 mA at 24 VDC, Alarm 140 mA at 24 VDC, Test Mode
Operating Temperature Range	-22°F to +130°F (-30°C to +54°C) For UL Listed requirements, the operating temperature range is +32°F to +100°F (0°C to +38°C).



BOSCH

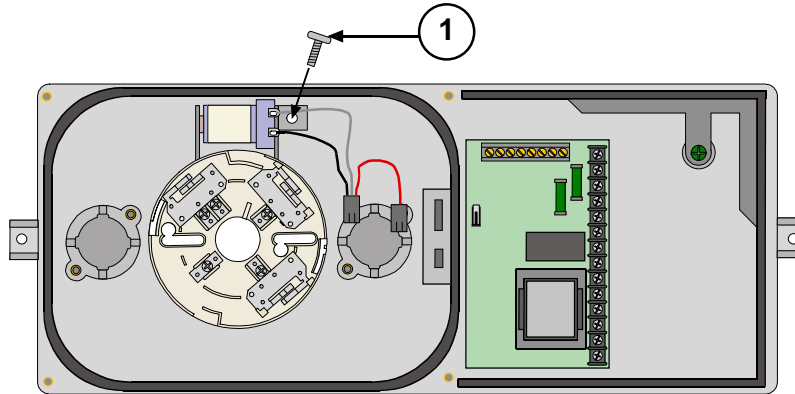
Figure 2: Connecting the Wiring Harness



1 - Test coil

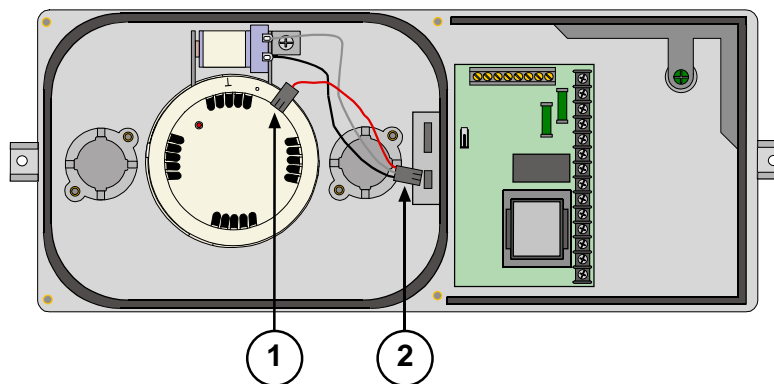
2 - Rotate the test coil counterclockwise.

Figure 3: Installing the Mounting Screw



1 - Test coil mounting screw

Figure 4: Connecting the Wiring Harness



1 - Connector with one wire

2 - Connector with three wires

