fireray®

0201-01

Fireray® 2000 Alignment Tool & Alignment Procedure

Setup

1. Connect a temporary 3 conductor cable between the Alignment Tool and the Controller:

   Red to '+ Controller Supply'

   Yellow to '+ Controller Test Meter'

   Black to '- Controller Supply'

2. Position the Alignment Tool so that it is visible from the Transmitter.

3. Follow the Procedure on the back page.

Alignment Tool: Weight: 4oz.

Fireray® 2000 Beam Smoke Detector

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1. At the Transmitter set the Power to Maximum by turning the Pot fully counter-clockwise

2. Set the Test/Reset switch on the Controller Board to **ON**

3. Set the Signal Level Pot on the Controller Board back to **12 o'clock**

Flashing **RED** = Signal Strength Too **High**
Flashing **GREEN** = Signal Strength Too **Low**
Solid Green = Signal Strength **Good**

4. Power up the Beam Set

5. Connect the Alignment Indicator to the Test Meter output on the Controller Board

6. Adjust the orientation of the Transmitter to achieve a Flashing RED or GREEN indication

Flashing GREEN

7. Observe Lamps

Flashing RED

Reduce the power at the Transmitter to give a GREEN Indication

8. Moving the Transmitter in any direction produces a Flashing Green indication

NO

YES

9. Secure the Transmitter by tightening the bolts and recheck the lamps

10. Slowly turn the Signal Level Pot on the Control Board counter-clockwise until the High lamp goes off

11. Set the Test/Reset switch on the Controller Board to **OFF**

12. **WAIT 45 Seconds**

13. Test the beam for Fire using the supplied filter and Fault by blocking the beam